

**A
DIRECTORY
of
ILLINOIS
SYSTEMATISTS
and
ECOLOGISTS**

**Kenneth R. Robertson
Philip J. Burton
Bill N. McKnight**



**Illinois Natural History Survey
Special Publication 3**

April 1986

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A DIRECTORY OF ILLINOIS SYSTEMATISTS AND ECOLOGISTS

Kenneth R. Robertson Philip J. Burton Bill N. McKnight

Section of Botany and Plant Pathology

Illinois Natural History Survey

607 E. Peabody Drive

Champaign, Illinois 61820

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Acknowledgements

The Illinois Department of Transportation, Bureau of Location and Environment, provided partial funding for the preparation and publication of this directory. Special thanks are extended to Charles Perino (Chief, Natural Science) and Paul Biggers (Chief of Environment) for their support.

Several staff members of the Illinois Natural History Survey (including Frank Brookfield, Randy L. Butler, Betsy Calvert and Louis R. Iverson) provided crucial support in database design and computer programming. Robert Korb prepared the figures and guided the manuscript through the typesetting process. We also thank Paul G. Risser, Chief of the Natural History Survey, for his enthusiastic support of this project.

We would finally like to thank all the people who took the time to fill out and return the rather long questionnaire. We hope that this publication will provide some reward for their efforts.

This paper is printed by authority of the State of Illinois and is a contribution from the Botany and Plant Pathology Section of the Illinois Natural History Survey. Dr. Kenneth R. Robertson is a Botanist; Philip J. Burton and Bill N. McKnight are Research Biologists.

1. Introduction

Illinois is fortunate in having a large number of biological systematists and ecologists affiliated with universities, colleges, museums, botanical and zoological gardens, private companies and government agencies. The purpose of this directory is to provide a centralized list of the systematists and ecologists living or doing research in Illinois. While a number of professional societies have membership lists, there has been no single source that gives the addresses, phone numbers and areas of expertise for this group of scientists in Illinois.

Systematists study the classification and evolutionary relationships of organisms, while ecologists study the interactions of organisms with their biotic and abiotic environments. Systematists and ecologists generally share common interests in the evolutionary history of organisms and in the conservation of their present populations. In addition, both groups of scientists include field biologists well versed in the taxonomic identification of organisms and the estimation of population sizes and habitat requirements. Because of rising environmental concerns, the practical skills of this group of researchers are in high demand for use in environmental impact assessment, natural areas inventory and management, agricultural and forestry management, and for public education.

We envision two principal users of this directory. Scientists and administrators should find this list useful as an address book of colleagues, while others are expected to use it as a resource book to locate systematists and ecologists with specific areas of expertise. In this manner, it is hoped that the directory will facilitate communication among Illinois biologists, and that corporations, agencies or individuals in need of specific systematic or ecological expertise will be more readily able to obtain it. Additionally, it provides a cross-sectional description (summarized in Section 3) of the affiliations, commitments, interests and skills of this group of scientists.

This directory is a summary of the responses returned from a mail questionnaire. Responses can be considered current to about mid-1984. The directory is not a complete list of all systematists and ecologists in the state; qualified scientists not currently listed are urged to return the questionnaire at the end of this publication for inclusion in future additions. We cannot vouch for the accuracy of responses, as we have attempted to transcribe them simply as written, with a minimum of editing (although some standardization of terminology was done in preparing the indices).

Research scientists, environmental biologists and the general public are encouraged to make use of this directory to help identify professional biologists with specific areas of expertise. Please note that there is no obligation on the part of individuals listed in this directory to cooperate with any or all requests for assistance. The first step in identifying individuals with specific interests is to search one or more of the geographic, taxonomic or ecological subject indices in Section 5. The indices give the record numbers of all individuals who cited the specified subject; the names, addresses and additional information regarding these individuals are provided in the alphabetical listing making up the body of this directory (Section 4.2).

2. The Questionnaire

A three-page questionnaire form was devised to collect biographical data and information on fields of expertise. In addition to standard information (name, position title, address and phone number), the questionnaire also asked how long the respondent had been at his/her organization, and (if this was three years or less) what his/her previous affiliation had been. Also requested was a list of the respondent's college degrees, with years and institutions. Graduate students were asked to indicate the degree currently being pursued, and their expected year of completion. Respondents were also asked what percentage of their time was devoted to research, teaching, administration, service and other activities. Finally, the professional status of respondents was tabulated by asking them to check off one of the following categories as most appropriate: (1) practicing professional; (2) inactive, retired; (3) retired but still active in research; (4) amateur; and (5) inactive in research due to administrative or teaching duties. The above information composed the biographical segment of the database.

Professional interests and areas of expertise were determined by having respondents check off up to 30 out of 66 specific areas of interest, and answer three free-format questions. Specific check-off categories were composed of the following:

- (1) Groups of organisms worked with (7 plant options, 11 animal options, plus "other")
- (2) Systematic techniques utilized (13 options, plus "other")
- (3) Ecological systems of interest (terrestrial, aquatic)
- (4) Habitat status types of interest (natural, disturbed, artificial, managed)
- (5) Ecological levels of interest (population, community, ecosystem)
- (6) Approach to research (basic, applied)
- (7) Ecological processes or activities of interest (20 options, plus "other").

Since the instructions read, "Please check the items below that apply to your ecological research or interests," some responses must be assumed to indicate general interests rather than specific areas of actual research expertise. A full list of all 66 option categories is included as Section 5.1. Free-format responses were solicited to the following queries:

- (1) "Please list any specific counties or regions of the state in which your research is concentrated; also list other states, counties, or geographical areas in which you do research or field work."
- (2) "What specific orders, families, genera, or other taxa are your specialty?"
- (3) "In what specific areas of ecology do you have expertise?"

Finally, respondents were asked to include a list of their publications, if possible. This combined information formed the expertise segment of the database.

Questionnaire forms were mailed to approximately 850 prospective respondents in early January, 1984. The mailing list was derived primarily from Illinois addresses on the membership lists of a number of professional societies. Forms were also sent to the heads or chairmen of college and university biology departments, museums, and appropriate government agencies in the state. The general criteria for inclusion in the directory were that the respondent should be a systematist or ecologist residing in Illinois or doing research in Illinois. Since it is certain that a number of individuals were omitted, and that some information is no longer correct, a revised questionnaire form is included as Appendix I for additions and updates. It is hoped that revisions to the directory will be published every second year.

As the questionnaires were returned, responses were entered into a relational database on the PRIME computer located at the Illinois Natural History Survey. Files were sorted alphabetically by name, and selected items were printed to produce the alphabetical directory listing that comprises the bulk (Section 4.2) of this publication. Responses to the 66 interest categories and to the three free-format questions were scanned to produce the categorical, geographic, taxonomic and ecological indices that comprise Section 5. The database (as updated to 1 December 1984) was also queried and cross-tabulated to summarize some of the responses, as described below.

3. Summary of Responses

3.1 Background Information

A total of 430 completed questionnaire forms were returned to the Illinois Natural History Survey by 1 December 1984. This represents a 51% response rate. An additional 41 forms were returned by the postal service as undeliverable. Almost all respondents (96.5%) listed Illinois as their address. Within the state, Champaign-Urbana and Chicago have the largest number of respondents (Table 1).

The institutional affiliations of respondents were tabulated by searching for key words in the first line of the address given. Half of the respondents (49.1%) are affiliated with colleges and universities (Table 2). The remainder are approximately evenly distributed among the Illinois Natural History Survey (14.2%), other state, federal and municipal agencies (14.0%), museums, arboreta, parks, gardens and zoos (11.6%), and others (11.1%).

Table 1. Principal Cities Within Illinois Listed as the Address of Responding Systematists and Ecologists

| City | Number of Respondents | Percent of Illinois Respondents |
|--------------------|-----------------------|---------------------------------|
| Champaign-Urbana | 111 | 26.7 |
| Chicago | 79 | 19.0 |
| Carbondale | 28 | 6.7 |
| Springfield | 25 | 6.0 |
| Macomb | 15 | 3.6 |
| Charleston | 14 | 3.4 |
| Bloomington-Normal | 11 | 2.7 |
| Peoria | 9 | 2.2 |
| All Others | 123 | 29.7 |
| Total | 415 | 100.0 |

Table 2. Institutional Affiliations of Responding Systematists and Ecologists

| Institution | Number of Respondents | Percent of Respondents |
|--|-----------------------|------------------------|
| Universities | 182 | 42.3 |
| Colleges | 29 | 6.7 |
| High Schools | 3 | 0.7 |
| Illinois Natural History Survey | 61 | 14.2 |
| Other Illinois State Agencies | 30 | 7.0 |
| U.S. Government Agencies & Labs | 20 | 4.7 |
| City and County Agencies | 11 | 2.6 |
| Museums | 38 | 8.8 |
| Botanical & Zoological Parks & Gardens | 14 | 3.3 |
| Private Industry | 17 | 4.0 |
| Conservation Organizations | 6 | 1.4 |
| Others and Unaffiliated | 29 | 6.7 |
| Total | 430 | 100.0 |

As expected because of the high response level from universities, academics dominate the position title categories as well, with a total of 156 (36.3%) of all respondents being professors (Table 3). The next largest category is that of the research scientist, whose titles include "biologist", "ecologist", "research associate", etc. Curators were identified as a separate category, as were individuals with administrative roles. Note that the categories in Table 3 are not mutually exclusive. Most respondents (84.1%) consider themselves practicing professionals, while many (9.6%) are inactive in research because of administrative or teaching duties. Only 4.0% of the respondents are amateurs; this number is probably unrepresentative because many active amateurs may not have received questionnaires. Retirees make up only 2.3% of the respondents.

Table 3. Position Titles of Responding Systematists and Ecologists

| Position Category* | Number of Respondents | Percent of 430 Respondents |
|---------------------------------|-----------------------|----------------------------|
| (Full) Professor | 83 | 19.3 |
| Associate Professor | 40 | 9.3 |
| Assistant Professor | 33 | 7.7 |
| Graduate Student | 22 | 5.1 |
| Research or Technical Assistant | 9 | 2.1 |
| "Research Scientist" | 93 | 21.6 |
| Curator | 35 | 8.1 |
| "Administrator" | 71 | 16.5 |
| Other | 48 | 11.2 |

* NOTE: These position categories are not mutually exclusive; for example, a professor may also be a curator or a department head (administrator).

A total of 226 respondents (52.6%) sent a list of their publications. These lists were not entered into the computerized database, but their presence was noted for each respondent. Publication lists have been put on file at the Natural History Survey for future reference.

A total of 386 respondents (89.8%) reported having a bachelor's degree, 323 respondents (75.1%) have or are working on a master's degree, and 290 respondents (67.4%) have or are working on a doctoral degree. These proportions are indicative of the long period of training and post-graduate work generally required to be a practicing systematist or ecologist. Of the 1,013 college degrees reported by respondents, a total of 345, or 34.1%, were awarded by Illinois colleges and universities. The average year for a bachelor's degree was 1965, 1969 for a master's, and 1971 for a doctorate. On the average, respondents have been with their organizations since 1973, indicating a well experienced contingent of resident biologists.

The differences in time allocation among respondents was one of the most interesting results summarized from the biographical data. As shown in Table 4, the average respondent spends 41.2% of his/her time doing research, 22.7% teaching, 15.5% serving administrative functions, 10.3% devoted to service activities, and 10.3% spent on curatorial and other activities. Although it was not an option on the questionnaire, 17 respondents (4.0%) wrote in "curatorial" as a principal activity. Since the option was not presented to all respondents, curatorial activities are not summarized separately, but this category has been included on the revised questionnaire (Appendix).

Table 4. Average Time Commitments, According to Institutional Affiliation
(Percent of time allocated to specified activity)

| Institutional Category | Activity | | | | Curatorial and Other |
|------------------------------------|--------------|--------------|--------------|--------------|----------------------|
| | Research | Teaching | Admin. | Service | |
| | % time | % time | % time | % time | % time |
| Academia (n = 201) | 39 | 43 | 9 | 5 | 4 |
| Natural History Survey (n = 57) | 71 | 2 | 11 | 12 | 4 |
| Other Government Agencies (n = 59) | 19 | 5 | 34 | 20 | 22 |
| Museums and Gardens (n = 48) | 49 | 4 | 24 | 14 | 9 |
| Others (n = 44) | 31 | 6 | 16 | 14 | 33 |
| Total (n = 409) | 41.2% | 22.7% | 15.5% | 10.3% | 10.3% |

Time commitments show clear differentiation on the basis of the institutional affiliation and position of the respondent. Systematists and ecologists with the Illinois Natural History Survey primarily do research (which takes up 71% of their time), as do those affiliated with museums and gardens (49% of their time; Table 4). Academicians have a lower allocation to research (39%), which is offset by teaching duties taking up 43% of their time. Personnel with government agencies spend much time engaged in administrative (34%) and service (20%) activities. Similar patterns are reflected in the distribution of time commitments among professional categories (Table 5). Professors do more teaching (52% time commitment) than research (34%), while graduate students and technical assistants do mostly research (64%). Research scientists (with a 56% time allocation) and curators (53%) also do mostly research, while curators also have a large allocation to administrative activities (20%), next only to administrators (52%). Service activities are significant mostly to research scientists (18% time commitment) and administrators (14%).

Table 5. Average Time Commitments, According to Position Type
(Percent of time allocated to specified activity)

| Position Category* | Activity | | | | Curatorial and Other |
|--------------------------------------|--------------|--------------|--------------|--------------|----------------------|
| | Research | Teaching | Admin. | Service | |
| | % time | % time | % time | % time | % time |
| Professors & Instructors (n = 157) | 34 | 52 | 8 | 4 | 2 |
| Students & Tech. Assistants (n = 34) | 64 | 18 | 0 | 2 | 16 |
| Research Scientists (n = 115) | 56 | 1 | 11 | 18 | 14 |
| Curators (n = 35) | 53 | 9 | 20 | 9 | 9 |
| Administrators (n = 78) | 19 | 11 | 52 | 14 | 4 |
| Others (n = 48) | 17 | 1 | 30 | 21 | 31 |
| Total (n = 409) | 41.2% | 22.7% | 15.5% | 10.3% | 10.3% |

* NOTE: These position categories are not mutually exclusive; e.g. a research scientist may also be a curator or manager (administrator).

3.2 Areas of Expertise

Tables 6 to 8 summarize the areas of expertise checked off by responding systematists and ecologists; these categorical responses are fully indexed in Section 5.1. The most popular response was an ecological interest in natural systems (indicated by 290 or 67.4% of the respondents), followed by the use of gross morphology as a systematic technique (indicated by 210 or 48.8% of the respondents). Flowering plants (Table 6) appear to be the most popular organisms of study (38.8%), while among animals, insects were checked off most frequently (28.1%). The most popular systematic techniques (Table 7) are the use of gross morphology (48.8%), biogeography (42.3%), nomenclature (35.6%) and anatomy (30.0%). In terms of ecological interests (Table 8), more researchers appear to be interested in terrestrial systems than aquatic systems, and in the population or community levels of organization rather than the ecosystem level. More respondents take a basic approach (53.7%) than an applied approach (37.9%), which corresponds to the prevalence of academic affiliations. The ecological processes or activities of greatest interest are environmental assessments (35.6%), field census (34.2%), demography/life history (33.5%) and plant/animal interactions (30.5%).

Table 6. Experience of Responding Systematists and Ecologists with Different Organism Groups.

| Organisms Worked With | Number of Respondents | Percent of 430 Respondents |
|------------------------------|-----------------------|----------------------------|
| Plants | | |
| (1) flowering plants | 167 | 38.8 |
| (2) gymnosperms | 49 | 11.4 |
| (3) ferns and allies | 49 | 11.4 |
| (4) bryophytes | 18 | 4.2 |
| (5) fungi | 31 | 7.2 |
| (6) lichens | 17 | 4.0 |
| (7) algae | 33 | 7.7 |
| Animals | | |
| (8) mammals | 104 | 24.2 |
| (9) birds | 84 | 19.5 |
| (10) reptiles and amphibians | 65 | 15.1 |
| (11) fishes | 86 | 20.0 |
| (12) insects | 121 | 28.1 |
| (13) crustaceans | 37 | 8.6 |
| (14) arachnids | 13 | 3.0 |
| (15) mollusks | 37 | 8.6 |
| (16) worms | 20 | 4.7 |
| (17) coelentrates | 4 | 0.9 |
| (18) protozoans | 10 | 2.3 |
| (19) Other | 19 | 4.4 |

Table 7. Different Systematic Techniques Employed by Respondents.

| Systematic Technique | Number of Respondents | Percent of 430 Respondents |
|---|-----------------------|----------------------------|
| (20) anatomy | 129 | 30.0 |
| (21) biogeography | 182 | 42.3 |
| (22) chromatography/ electrophoresis | 46 | 10.7 |
| (23) cladistics | 60 | 14.0 |
| (24) cytology/chromosomes | 42 | 9.8 |
| (25) embryology | 9 | 2.1 |
| (26) genetics/breeding | 48 | 11.2 |
| (27) gross morphology | 210 | 48.8 |
| (28) nomenclature | 153 | 35.6 |
| (29) palynology | 11 | 2.6 |
| (30) phenetics | 44 | 10.2 |
| (31) reproductive biology | 84 | 19.5 |
| (32) serology | 5 | 1.2 |
| (33) other | 42 | 9.8 |

Table 8. Prevalence of Different Ecological Interests Among Respondents

| Field of Research or Interest | Number of Respondents | Percent of 430 Respondents |
|--|-----------------------|----------------------------|
| System and Level | | |
| (34) terrestrial population | 174 | 40.5 |
| (35) terrestrial community | 168 | 39.1 |
| (36) terrestrial ecosystem | 107 | 24.9 |
| (37) aquatic population | 108 | 25.1 |
| (38) aquatic community | 109 | 25.3 |
| (39) aquatic ecosystem | 86 | 20.0 |
| Approach | | |
| (40) basic | 231 | 53.7 |
| (41) applied | 163 | 37.9 |
| System Type | | |
| (42) natural | 290 | 67.4 |
| (43) disturbed | 190 | 44.2 |
| (44) artificial | 73 | 17.0 |
| (45) managed | 128 | 29.8 |
| Ecological Process or Research Activity | | |
| (46) behavioral ecology | 116 | 27.0 |
| (47) community classification | 89 | 20.7 |
| (48) demography/life history | 144 | 33.5 |
| (49) energy budgets | 25 | 5.8 |
| (50) environmental assessments | 153 | 35.6 |
| (51) evolution | 117 | 27.2 |
| (52) field census | 147 | 34.2 |
| (53) human ecology | 17 | 4.0 |
| (54) landscape ecology | 46 | 10.7 |
| (55) models | 47 | 10.9 |
| (56) nutrients | 39 | 9.1 |
| (57) physiological ecology | 63 | 14.7 |
| (58) plant/animal interactions | 131 | 30.5 |
| (59) plant/plant interactions | 56 | 13.0 |
| (60) plant/soil relations | 52 | 12.1 |
| (61) reclamation | 47 | 10.9 |
| (62) resource management | 98 | 22.8 |
| (63) succession | 92 | 21.4 |
| (64) toxicology | 33 | 7.7 |
| (65) weeds | 39 | 9.1 |
| (66) other | 45 | 10.5 |

Most respondents indicated that they worked with only one of the 19 organism groups listed on the questionnaire (median response of 1.15 groups, Fig. 1). The modal number of systematic techniques used was three (Fig. 2), but a median response of 1.79 groups was obtained because of the large number (120) of respondents who do not utilize systematics. Respondents likewise tended to check off three or four ecological interests (Fig. 3), while the median response was 2.85 groups, in part due to the 58 respondents who indicated no ecological interests. These frequency distributions suggest that most practicing biologists utilize a variety of systematic techniques or have a range of ecological interests, but (especially botanists) tend to restrict themselves to one group of organisms or another.

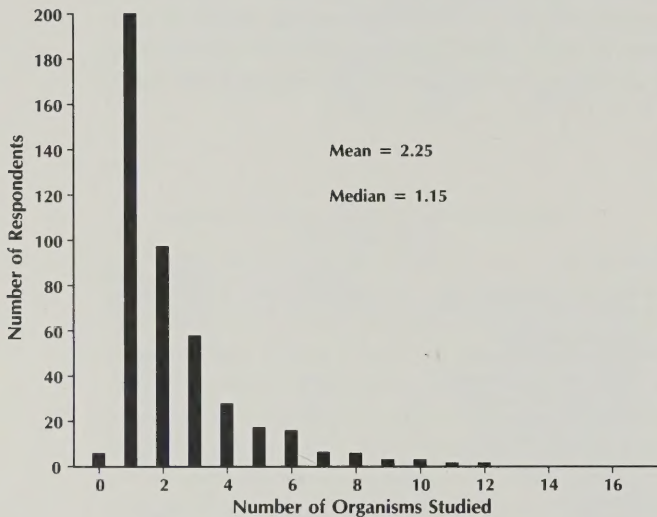


Figure 1. Frequency distribution of the number of organism groups studied.

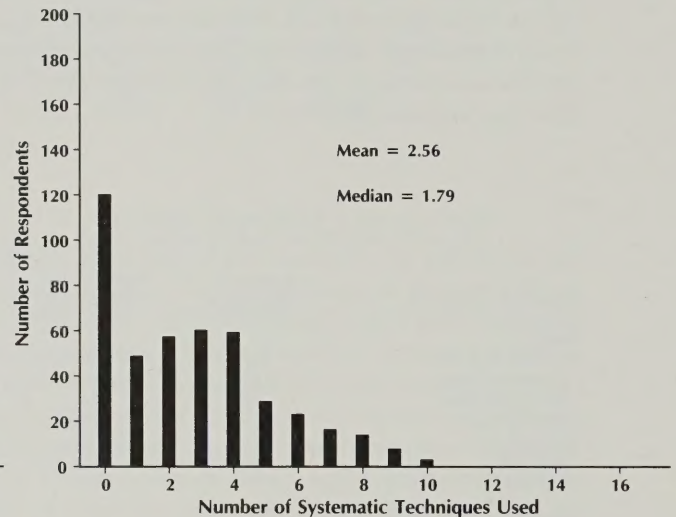


Figure 2. Frequency distribution of the number of systematic techniques used.

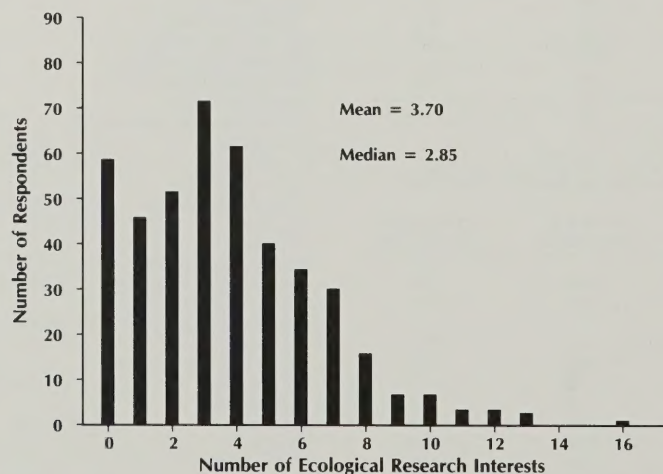


Figure 3. Frequency distribution of the number of ecological research interests.

The number of respondents having individual expertise in several fields provides an insight into the prevalence of more specific areas of experience and research among practicing biologists. For example, 38 respondents (8.8%) study both flowering plants and insects, while in a more general context, 92 respondents (21.4%) expressed an interest in both plants and animals. Fifty-seven respondents (13.3%) study both birds and mammals, and 72 respondents (16.7%) are interested in both terrestrial and aquatic ecology. A total of 86 respondents (20.0%) take both a basic and applied approach to their ecological research. There were 112 applied, terrestrial ecologists who responded, in contrast to 81 applied, aquatic ecologists. Two-hundred and ten terrestrial ecologists (80.8% of them) expressed an interest in natural systems, while 132 aquatic ecologists (84.1% of them) expressed a similar interest.

Further comparisons were made between plant biologists and animal biologists. In terms of the utilization of systematic techniques, Table 9 indicates that botanical systematists and zoological systematists make remarkably equal use of biogeography, chromatography/electrophoresis and genetics/breeding. Plant biologists are more likely to use cytology/ chromosomes, nomenclature and (of course) palynology, while anatomy and cladistics are more popular among animal biologists. In terms of ecological interests (Table 10), plant biologists are more likely to be interested in community classification, landscape ecology, nutrients, plant/plant and plant/soil interactions, reclamation, succession and weeds. Animal ecologists tend to prefer behavioral ecology, demography/life history, evolution and field census work. Many differences in interest are due to fundamental differences between plants and animals, while others (such as in evolution) are more difficult to explain.

Table 9. Comparison of Systematic Techniques Used by Plant Biologists and Animal Biologists

| Technique | Plant Biologists | Animal Biologists |
|---|------------------|-------------------|
| | % of 206 | % of 309 |
| (20) anatomy | 21.8 | 33.3 |
| (21) biogeography | 42.7 | 42.7 |
| (22) chromatography/ electrophoresis | 10.2 | 10.4 |
| (23) cladistics | 5.8 | 17.2 |
| (24) cytology/chromosomes | 14.1 | 5.8 |
| (25) embryology | 1.0 | 2.3 |
| (26) genetics/breeding | 11.2 | 11.3 |
| (27) gross morphology | 49.5 | 46.0 |
| (28) nomenclature | 37.4 | 31.1 |
| (29) palynology | 5.3 | 0.0 |
| (30) phenetics | 7.8 | 10.4 |
| (31) reproductive biology | 18.0 | 20.7 |
| (32) serology | 0.5 | 1.6 |
| (33) other | 9.2 | 8.1 |

NOTE: This tabulation includes 92 respondents who checked off both plants and animals.

Table 10. Comparison of Ecological Interests of Plant Biologists and Animal Biologists

| Field of Research or Interest | Plant Biologists | Animal Biologists |
|--------------------------------|------------------|-------------------|
| | % of 206 | % of 309 |
| (46) behavioral ecology | 14.1 | 37.2 |
| (47) community classification | 29.1 | 17.5 |
| (48) demography/life history | 25.2 | 40.4 |
| (49) energy budgets | 5.8 | 5.5 |
| (50) environmental assessments | 36.9 | 38.5 |
| (51) evolution | 20.9 | 31.4 |
| (52) field census | 33.0 | 40.1 |
| (53) human ecology | 2.4 | 5.2 |
| (54) landscape ecology | 14.6 | 10.4 |
| (55) models | 9.7 | 11.7 |
| (56) nutrients | 12.6 | 7.8 |
| (57) physiological ecology | 15.5 | 14.0 |
| (58) plant/animal interactions | 36.4 | 35.6 |
| (59) plant/plant interactions | 26.7 | 8.4 |
| (60) plant/soil relations | 23.3 | 7.8 |
| (61) reclamation | 15.0 | 9.1 |
| (62) resource management | 24.8 | 25.9 |
| (63) succession | 34.0 | 16.2 |
| (64) toxicology | 7.3 | 8.7 |
| (65) weeds | 16.0 | 6.8 |
| (66) other | 9.2 | 11.3 |

NOTE: This tabulation includes 92 respondents who checked off both plants and animals.

Respondents with ecological interests were divided into terrestrial biologists and aquatic biologists (Table 11). Terrestrial biologists have stronger interests in behavioral ecology, demography/life history, landscape ecology, and plant/animal, plant/plant or plant/soil interactions. Aquatic biologists, on the other hand, have greater interest in environmental assessment, nutrients and toxicology, reflecting widespread societal concerns regarding water pollution. Similar differences were observed between basic researchers and applied researchers (Table 12), although both groups take an equal interest in community classification and plant/animal interactions. Basic researchers have pronounced interests in behavioral ecology, demography/life history and evolution. Applied researchers were more likely to check off environmental assessment, human ecology, landscape ecology, models, nutrients, resource management and weeds as areas of interest or research.

Table 11. Comparison of Ecological Interests of Terrestrial Biologists and Aquatic Biologists

| Field of Research or Interest | Terrestrial Biologists | Aquatic Biologists |
|--------------------------------|------------------------|--------------------|
| | % of 260 | % of 157 |
| (46) behavioral ecology | 32.7 | 24.2 |
| (47) community classification | 24.6 | 29.3 |
| (48) demography/life history | 43.5 | 32.5 |
| (49) energy budgets | 6.9 | 9.6 |
| (50) environmental assessments | 38.1 | 54.8 |
| (51) evolution | 28.8 | 24.2 |
| (52) field census | 41.9 | 36.9 |
| (53) human ecology | 5.0 | 3.8 |
| (54) landscape ecology | 16.2 | 8.3 |
| (55) models | 13.5 | 12.7 |
| (56) nutrients | 9.6 | 27.4 |
| (57) physiological ecology | 16.5 | 17.8 |
| (58) plant/animal interactions | 40.8 | 27.4 |
| (59) plant/plant interactions | 20.4 | 11.5 |
| (60) plant/soil relations | 19.2 | 7.6 |
| (61) reclamation | 14.6 | 12.1 |
| (62) resource management | 27.3 | 29.9 |
| (63) succession | 29.6 | 23.6 |
| (64) toxicology | 5.8 | 12.7 |
| (65) weeds | 12.3 | 7.6 |
| (66) other | 10.0 | 10.2 |

NOTE: This tabulation includes 72 respondents who checked off both terrestrial and aquatic interests.

Table 12. Comparison of Ecological Interests of "Basic" Researchers and "Applied" Researchers

| Field of Research or Interest | Basic Researchers | Applied Researchers |
|--------------------------------|-------------------|---------------------|
| | % of 231 | % of 163 |
| (46) behavioral ecology | 38.1 | 25.2 |
| (47) community classification | 26.4 | 26.4 |
| (48) demography/life history | 45.9 | 33.7 |
| (49) energy budgets | 6.9 | 10.4 |
| (50) environmental assessments | 38.1 | 60.1 |
| (51) evolution | 41.1 | 14.7 |
| (52) field census | 38.1 | 42.9 |
| (53) human ecology | 3.0 | 6.1 |
| (54) landscape ecology | 12.1 | 19.0 |
| (55) models | 11.3 | 19.0 |
| (56) nutrients | 9.5 | 16.6 |
| (57) physiological ecology | 20.3 | 17.8 |
| (58) plant/animal interactions | 39.4 | 38.7 |
| (59) plant/plant interactions | 16.0 | 17.8 |
| (60) plant/soil relations | 14.7 | 17.2 |
| (61) reclamation | 10.4 | 18.4 |
| (62) resource management | 18.6 | 42.9 |
| (63) succession | 28.1 | 30.7 |
| (64) toxicology | 7.4 | 15.3 |
| (65) weeds | 9.1 | 12.9 |
| (66) other | 14.3 | 11.7 |

NOTE: This tabulation includes 86 respondents who checked off both basic and applied approaches.

Answers to the three free-format questions can also be queried, tabulated and cross-tabulated, but specific keywords have to be specified in such searches. The large number of different places, taxa and specialties listed by respondents prevents any meaningful summarization here. The index to these free-format responses (Section 5.2) contains geographic (Section 5.2.1), taxonomic (Section 5.2.2) and ecological (Section 5.2.3) segments. The number and identity of respondents who cited various key words can be obtained from this index and by referring back to the alphabetical listing of respondents as necessary. For example, 27 respondents included "Indiana" in their list of research locations, while 15 included the word "tropics" or "tropical". Seven respondents cited "Poaceae" (grasses) as a taxonomic specialty, while ten respondents specialize in "Diptera" (flies). The term "natural area" was referred to by 19 respondents, and "monitoring" was cited by three respondents. As an example of a more specific query, it turns out that only two respondents listed both "Mississippi River" and "fish" in their geographical and ecological responses. The names, addresses or phone numbers of these individuals can be readily identified. Statistical summaries and cross-tabulations of these responses would not be as meaningful as those made above for the categorized groups, because there is no means of ensuring that respondents used the same term for similar interests.

4. The Directory

4.1 Key to Numerical Codes

The alphabetical listing of individual responses uses the following numerical codes to indicate specific areas of interest and expertise, as checked off by the respondents:

Organisms Worked With:

- | | |
|---------------------------|------------------------------|
| (1) flowering plants | (10) reptiles and amphibians |
| (2) gymnosperms | (11) fishes |
| (3) ferns and fern allies | (12) insects |
| (4) bryophytes | (13) crustaceans |
| (5) fungi | (14) arachnids |
| (6) lichens | (15) mollusks |
| (7) algae | (16) worms |
| (8) mammals | (18) protozoans |
| (9) birds | (19) other |

Systematic Techniques Utilized:

- | | |
|-------------------------------------|---------------------------|
| (20) anatomy | (27) gross morphology |
| (21) biogeography | (28) nomenclature |
| (22) chromatography/electrophoresis | (29) palynology |
| (23) cladistics | (30) phenetics |
| (24) cytology/chromosomes | (31) reproductive biology |
| (25) embryology | (32) serology |
| (26) genetics/breeding | (33) other |

Ecological Research or Interests:

System and Level

- (34) terrestrial population
- (35) terrestrial community
- (36) terrestrial ecosystem
- (37) aquatic population
- (38) aquatic community
- (39) aquatic ecosystem

Approach

- (40) basic
- (41) applied

System Type

- (42) natural
- (43) disturbed
- (44) artificial
- (45) managed

Process or Activity

- (46) behavioral ecology
- (47) community classification
- (48) demography/life history
- (49) energy budgets
- (50) environmental assessment
- (51) evolution
- (52) field census
- (53) human
- (54) landscape ecology
- (55) models
- (56) nutrients
- (57) physiological ecology
- (58) plant/animal interactions
- (59) plant/plant interactions
- (60) plant/soil relations
- (61) reclamation
- (62) resource management
- (63) succession
- (64) toxicology
- (65) weeds
- (66) other

4.2 Alphabetical Listing

#1

Mr. David G. Abel

Professor

Shimer College

Department of Natural Science

438 N. Sheridan Rd., P.O. Box A-500

Waukegan, IL 60085

M.S. Western Kentucky University 1972

Phone (312) 623-8400

Organisms Worked With: 11 12 13 16

Systematic Techniques: 27

Ecological Interests: 37 39 40 42
50

Geographical Areas:

Organism Specialties: Oligochaeta, Tubificidae and Naididae

Ecological Expertise: environmental assessment and impact evaluation

#2

Dr. Ronald G. Alderfer

Assoc. V.P. & Midwest Reg. Manager

Environmental Science & Engin. Inc.

11665 Lilburn Park Road

St. Louis, MO 63146

Ph.D. Washington University 1969

Phone (314) 567-4600

Organisms Worked With: 1

Systematic Techniques: 21 27

Ecological Interests: 36 39 41 42 43 45
49 50 54 57 61 62 64

Geographical Areas: Missouri, Arkansas, Texas, Georgia, North Carolina, Virginia, Florida

Organism Specialties:

Ecological Expertise: environmental regulation of photosynthesis in plant communities; reclamation and reforestation techniques; environmental assessment and specific mitigation techniques

#3

Dr. David C. Allison

Professor & Chairman

Monmouth College

Department of Biology

Monmouth, IL 61462

Ph.D. Pennsylvania State University 1960

Phone (309) 457-2021

Organisms Worked With: 1 7 9

Systematic Techniques: 24 26

Ecological Interests: 35 38 41 42
58 59 63

Geographical Areas: Henderson and Warren Counties, Illinois

Organism Specialties:

Ecological Expertise:

#4

Mr. Bruce H. Ambuel

Research Assistant

University of Illinois

Department of Psychology

603 E. Daniel St.

Champaign, IL 61820

M.S. University of Wisconsin-Madison 1981

Phone (217) 333-0041

Organisms Worked With: 8 9

Systematic Techniques:

Ecological Interests: 34 35
46 48 52 53

Geographical Areas:

Organism Specialties:

Ecological Expertise: avian community ecology and biogeography; human ecology and reproductive behavior

#5

Mr. Michael Wayne Ander

Ecologist

Dames & Moore Consultants

Environmental Division

1550 Northwest Highway

Park Ridge, IL 60068

M.S. Northern Illinois University 1970

Phone (312) 297-6120

Organisms Worked With: 12

Systematic Techniques: 20 21 27 28

Ecological Interests: 38 41 42 43
50 52 61

Geographical Areas: northern Illinois, Wisconsin, Missouri

Organism Specialties: Diptera - Chironomidae

Ecological Expertise: Midwest lakes and streams

#6

Dr. Robert Arthur Andersen

Assistant Professor

De Paul University

Department of Biological Sciences

1036 Belden Avenue

Chicago, IL 60614

Ph.D. University of Arkansas 1981

Phone (312) 321-8171

Organisms Worked With: 7 18

Systematic Techniques: 21 22 23 27 28 30 31

Ecological Interests: 37 38 40 42
48 58 63

Geographical Areas: northern Illinois

Organism Specialties: Chrysophyceae - Synura, Mallomonas, Ochomonas, Epiplatys, etc.

Ecological Expertise: freshwater algae, especially Chrysophyceae

#7

Dr. Richard V. Anderson

Associate Professor
Western Illinois University
Department of Biological Sciences
Macomb, IL 61455

Ph.D. Colorado State University 1978
Phone (309) 298-1553

Organisms Worked With: 12 13 15 16 17 19

Systematic Techniques: 27

Ecological Interests: 37 38 39 42
47 49 56 58

Geographical Areas: west central Illinois aquatic habitats, with
emphasis on Mississippi and Illinois Rivers

Organism Specialties: aquatic invertebrates in general; free living
Nematoda

Ecological Expertise: invertebrate ecology, with emphasis on effects of
invertebrates on nutrient cycling and energy flow

#8

Dr. Roger C. Anderson

Professor
Illinois State University
Department of Biological Sciences
Normal, IL 61761

Ph.D. University of Wisconsin-Madison 1968
Phone (309) 438-2653

Organisms Worked With: 1

Systematic Techniques: 31

Ecological Interests: 35
47 48 52 58 60 61 63

Geographical Areas: Midwest; all parts of Illinois

Organism Specialties: Primulaceae - Trientalis borealis

Ecological Expertise: community ecology of grasslands and forests;
presettlement vegetation; fire ecology; strip mine reclamation

#9

Dr. Ted R. Anderson

Associate Professor & Dean
McKendree College
701 College
Lebanon, IL 62254

Ph.D. St. Louis University 1973
Phone (618) 537-4481

Organisms Worked With: 9

Systematic Techniques: 21 31

Ecological Interests: 34 35 40 42 43
46 48 51 52

Geographical Areas: Monroe County, Illinois; St. Louis and St.
Charles Counties, Missouri; Poland

Organism Specialties: Passer

Ecological Expertise: reproductive strategies of birds; avian
community ecology; avian population ecology

#10

Mr. William L. Anderson

Conservation Resource Proj. Manager
Illinois Natural History Survey
Section of Wildlife Research
607 E. Peabody Dr.
Champaign, IL 61820

M.A. Southern Illinois University 1964
Phone (217) 333-8041

Organisms Worked With: 9

Systematic Techniques:

Ecological Interests: 34 35 36 37 38 39 40 42 43 44 45
49 52 57 58 62 64

Geographical Areas: Illinois, statewide

Organism Specialties: Galliformes, Anseriformes

Ecological Expertise: population dynamics, toxicology, nutrition,
physiology

#11

Dr. Paul L. Angermeier

Research Associate
University of Illinois
Dept. of Ecology, Ethology & Evolution
606 E. Healey St.
Champaign, IL 61820

Ph.D. University of Illinois 1983
Phone (217) 333-2235

Organisms Worked With: 11

Systematic Techniques:

Ecological Interests: 37 38 39 40 42 43
46 62

Geographical Areas: central southern Illinois; Panama

Organism Specialties:

Ecological Expertise: community dynamics of aquatic systems, especially
streams; impacts of disturbance on community organization among fishes

#12

Dr. Thomas M. Antonio

Taxonomist
Chicago Botanic Garden
Herbarium
P.O. Box 400 - Lake Cook Road
Glencoe, IL 60022

Ph.D. University of Oklahoma 1982
Phone (312) 835-5440

Organisms Worked With: 1 2 3

Systematic Techniques: 27 28 31

Ecological Interests:

Geographical Areas:

Organism Specialties: Central American Monimiaceae

Ecological Expertise: cultivated plants of the Chicago region; native
Illinois plants; horticulturally important aquatics

#13

Mr. Steven Irwin Apfelbaum
Research and Consulting Ecologist
Applied Ecological Services
516 Berkley Drive
Arlington Heights, IL 60004

M.S. University of Illinois-U.C. 1978
Phone (608) 897-8547

Organisms Worked With: 1 5 6 9

Systematic Techniques:

Ecological Interests: 34 35 36 40 41 42 43

47 48 50 52 54 56 60 61 62 63 64 65 66

Geographical Areas: Cook, DuPage, Lake, McHenry Counties, Illinois;
Appalachian, Great Lakes, southeast, desert southwest, intermountain and
Pacific Coast states; Hawaiian Islands; eastern Mexico; central Canada
Organism Specialties:

Ecological Expertise: ecological assessment; design and implementation
of long-term ecological monitoring programs

#14

Dr. James E. Appleby
Entomologist
Illinois Natural History Survey
Section of Economic Entomology
607 E. Peabody Drive
Champaign, IL 61820

Phone (217) 333-6250

Organisms Worked With: 12

Systematic Techniques:

Ecological Interests: 40 41

48 54

Geographical Areas: Pope, Champaign and DuPage Counties, Illinois

Organism Specialties:

Ecological Expertise: life histories of insects attacking landscape
and forest trees.

#15

Mrs. Patricia Kay Armstrong
Coord. Youth Prog. & Prairie Proj.
Morton Arboretum
Education Department
Route 53
Lisle, IL 60532

M.S. University of Chicago 1968
Phone (312) 968-0074

Organisms Worked With: 1 2 3 4 6 8 9 10 12 13 14

Systematic Techniques: 21

Ecological Interests: 35 38 40 42 43 45

47 50 52 54 63

Geographical Areas: Shawnee Hills, southern Illinois; Sauk Hills
(driftless area), Wisconsin; mountain areas of the world

Organism Specialties: bryophytes, lichens; prairie plants, vascular
plants at timberline and above; aquatic invertebrates; amphibians

Ecological Expertise: prairie; saxicolous plants; timberline and
alpine ecology

#16

Dr. Stevan J. Arnold
Associate Professor
University of Chicago
Department of Biology
1103 E. 57th Street
Chicago, IL 60637

Ph.D. University of Michigan 1972
Phone (312) 962-3402

Organisms Worked With: 10

Systematic Techniques: 21 26 27 31

Ecological Interests: 34 37 40 42

46 48 51 52 57

Geographical Areas: northern California; Europe

Organism Specialties: Reptilia: Colubridae - Thamnophis;

Urodeles: Salamandridae, Plethodontidae, Ambystomatidae

Ecological Expertise: demography and behavioral ecology of reptiles
and amphibians

#17

Dr. Charles B. Arzeni
Professor
Eastern Illinois University
Department of Botany
Charleston, IL 61920

Ph.D. University of Michigan 1952
Phone (217) 581-3728

Organisms Worked With: 1 4 6

Systematic Techniques: 27

Ecological Interests: 42

52

Geographical Areas: Illinois; west central Indiana; Michigan;

Central America; South America; Taiwan

Organism Specialties: Bryophyta

Ecological Expertise:

#18

Dr. William Clark Ashby
Professor
Southern Illinois University
Department of Botany
Carbondale, IL 62901

Ph.D. University of Chicago 1950
Phone (618) 536-2331

Organisms Worked With: 1 5

Systematic Techniques:

Ecological Interests: 36 42 43 44 45

50 56 57 59 60 61 63 65

Geographical Areas: Saline, Perry, Williamson, Randolph, Hardin,
Union, Jackson, Pope and Wabash Counties, Illinois; Indiana; Maryland;
Wisconsin

Organism Specialties:

Ecological Expertise: forest ecology; physiological ecology; tree
growth; strip mine reclamation; ecological genetics

#19

Dr. Yousef Hanna Atallah

Director Environmental Sciences
Velsicol Chemical Corporation
Research Division
341 E. Ohio Street
Chicago, IL 60611

Ph.D. Louisiana State University 1964
Phone (312) 670-4830

Organisms Worked With: 8
Systematic Techniques:
Ecological Interests: 41 43 44
50 55 64
Geographical Areas:

Organism Specialties:

Ecological Expertise: environmental toxicology; fate of xenobiotics in the environment

#20

Dr. Carol K. Augspurger

Associate Professor
University of Illinois
Department of Plant Biology
289 Morrill Hall, 505 S. Goodwin Ave.
Urbana, IL 61801

Ph.D. University of Michigan 1978
Phone (217) 333-1298

Organisms Worked With: 1
Systematic Techniques:
Ecological Interests: 34 35 40 42
48 58 59
Geographical Areas: Neotropics, especially Costa Rica and Panama

Organism Specialties:

Ecological Expertise: reproductive biology (phenology, pollination, seed predation, dispersal, especially wind dispersal, germination, seedling survival & growth); damping-off disease of seedlings; demography; monocarpy

#21

Dr. Ralph W. Axtell

Professor
Southern Illinois University
Department of Biological Sciences
Edwardsville, IL 62026

Ph.D. University of Texas-Austin 1958

Phone (618) 692-3405

Organisms Worked With: 10
Systematic Techniques: 20 21 22 27 28 30
Ecological Interests:

Geographical Areas: Madison, Calhoun, Jersey, St. Clair, Pike, Monroe & Randolph Cos., Illinois; Lincoln, Pike, Ralls, St. Charles, Jefferson & Warren Cos., Missouri; Arizona; New Mexico; Texas; northern Mexico
Organism Specialties: Squamata - Iguanidae, Holbrookia, Crotaphytus, Sceloporus, etc.; Serpentes - Lampropeltis, Carphophis, Crotalus; Anura - Hylidae, Pseudacris
Ecological Expertise:

#22

Dr. David Bardack

Professor
University of Illinois at Chicago
Department of Biological Sciences
Chicago, IL 60680

Ph.D. University of Kansas 1963
Phone (312) 996-4578

Organisms Worked With: 11
Systematic Techniques: 20 21 23
Ecological Interests:

Geographical Areas: Will and Grundy Counties, Illinois (Mason Creek Pennsylvanian fauna); Kansas, Texas; Northwest Territories, Canada;
Organism Specialties: fish

Ecological Expertise:

#23

Dr. Kerry A. Barringer

Visiting Assistant Curator
Field Museum of Natural History
Department of Botany
Roosevelt Road at Lake Shore Drive
Chicago, IL 60605-2496

Ph.D. University of Connecticut 1981
Phone (312) 922-9410

Organisms Worked With: 1
Systematic Techniques: 20 21 27 28
Ecological Interests:

Geographical Areas: Costa Rica, lowland South America

Organism Specialties: Scrophulariaceae, Aristolochiaceae, Central American Orchidaceae, Costa Rican Myristicaceae and Annonaceae
Ecological Expertise:

#24

Dr. George O. Batzli

Professor & Head
University of Illinois
Dept. of Ecology, Ethology & Evolution
515 Morrill Hall, 505 S. Goodwin Ave.
Urbana, IL 61801

Ph.D. University of California-Berkeley 1969
Phone (217) 333-7801

Organisms Worked With: 1 8 12
Systematic Techniques:
Ecological Interests: 34 35 40 42 43
57 58 66

Geographical Areas: Champaign County, Illinois; northern Alaska; New Zealand; Norway
Organism Specialties:

Ecological Expertise: nutritional ecology of herbivores; population dynamics of animals; Arctic ecology; small mammal communities

#25

Mr. Donald L. Baumgartner

Graduate Student
University of Illinois-Chicago
Department of Biological Sciences
P.O. Box 4348
Chicago, IL 60680

M.S. University of Illinois at Chicago 1984
Phone (312) 996-5440

Organisms Worked With: 12
Systematic Techniques: 21 27
Ecological Interests: 34 35 42 43
46 48 52

Geographical Areas: Cook County, Illinois; South America, especially Peru

Organism Specialties: Diptera - Calliphoridae, Mesembrinellidae, Culicidae

Ecological Expertise: biogeography and altitudinal distribution of Calliphoridae

#26

Dr. Peter B. Bayley

Assistant Professional Scientist
Illinois Natural History Survey
Section of Aquatic Biology
607 E. Peabody Drive
Champaign, IL 61820

Ph.D. Dalhousie University 1982
Phone (217) 333-6889

Organisms Worked With: 11
Systematic Techniques:
Ecological Interests: 37 38 39 41 42 44 45
49 55 62 66

Geographical Areas: state and public impoundments throughout Illinois; Amazon River in Brazil and Peru

Organism Specialties:

Ecological Expertise: fish population dynamics and production; trophic dynamics and community ecology

#27

Dr. Fakhri A. Bazzaz

Professor
Harvard University
Dept. of Organismic & Evolutionary Biology
16 Divinity Avenue
Cambridge, MA 02138

Ph.D. University of Illinois 1963
Phone (617) 495-0916

Organisms Worked With: 1
Systematic Techniques:
Ecological Interests: 34 35 36 43
48 55 56 57 59 62 63 65

Geographical Areas: Champaign County, Illinois; Massachusetts

Organism Specialties:

Ecological Expertise: physiological, population and community ecology of plants

#28

Dr. Andrew J. Beattie

Professor
Northwestern University
Dept. of Ecology & Evolutionary Biology
Evanston, IL 60201

Phone (312) 492-5619

Organisms Worked With: 1 12
Systematic Techniques:
Ecological Interests: 34 35 40 42
46 48 51 58

Geographical Areas: Colorado; England; Australia

Organism Specialties:

Ecological Expertise: pollination; seed dispersal; ant-plant interactions

#29

Mr. Carl N. Becker

Section Manager
Illinois Department of Conservation
Natural Heritage Section
600 N. Grand Avenue West
Springfield, IL 62706

M.S. Eastern Michigan University 1973
Phone (217) 785-8774

Organisms Worked With: 8 9 10 15
Systematic Techniques:
Ecological Interests: 34 35 36 41
50 52 54 62

Geographical Areas: north central Illinois; Wisconsin; east central Kansas; western Nebraska; southeast California; Connecticut and north central Massachusetts

Organism Specialties:

Ecological Expertise: avian ecology; small mammal ecology; endangered species (birds, mammals, amphibians and reptiles)

#30

Barbara L. Benner

Post-Doctoral Fellow
Indiana University
Department of Biology
Jordan Hall
Bloomington, IN 47405

Ph.D. University of Illinois-U.C. 1985
Phone (812) 335-7804

Organisms Worked With: 1
Systematic Techniques:
Ecological Interests: 34 35 40 42 43
48 56 57 58 59 60 63 65

Geographical Areas: central Illinois

Organism Specialties:

Ecological Expertise: responses of plants to variations in resource availability, and the effects of such variation (spatial and temporal) on plant competition

#31

Dr. May R. Berenbaum

Associate Professor
University of Illinois
Department of Entomology
320 Morrill Hall, 505 S. Goodwin Ave.
Urbana, IL 61801

Ph.D. Cornell University 1980
Phone (217) 333-7784

Organisms Worked With: 1 12
Systematic Techniques: 21 22 26 33
Ecological Interests: 34 35 40 42 43
46 51 58 64
Geographical Areas: Champaign County, Illinois

Organism Specialties: Apiaceae; Insecta - Papilionidae, Oecophoridae

Ecological Expertise: chemical aspects of plant-insect interaction

#32

Mr. William Allen Bergman

Principal Civil Engineer
Metropolitan Sanitary District
Engineering Department
100 E. Erie
Chicago, IL 60660

M.S. Illinois Institute of Technology 1981
Phone (312) 751-5818

Organisms Worked With: 12
Systematic Techniques: 26 27 33
Ecological Interests: 39 42 45
49 50 54 61
Geographical Areas: Cook, DuPage and Lake Counties, Illinois;
Indiana; Michigan; Wisconsin; Minnesota; Florida
Organism Specialties: Lepidoptera

Ecological Expertise: energy balances, aquatic ecology, watershed planning

#33

Dr. James F. Berry

Assistant Professor
Elmhurst College
Department of Biology
190 Prospect
Elmhurst, IL 60126

Ph.D. University of Utah 1978
Phone (312) 279-4100 Ext. 200

Organisms Worked With: 10
Systematic Techniques: 20 21 23 27 28 30 31
Ecological Interests: 34 35 37 38 40
46 48 51 55 57
Geographical Areas: southern Cook County, Illinois; southwestern Illinois; eastern states; central states; southwestern states; Mexico; Central America; South America
Organism Specialties: Testudines - Kinosternidae: Kinosternon and Sternotherus; Squamata - Colubridae: Thamnophis, Opheodrys and Storeria
Ecological Expertise: population ecology and physiological ecology, specifically the relationships between environmental parameters and morphological and physiological specializations

#34

Dr. Gregory R. Biddinger

Environmental Toxicologist
Illinois E.P.A.
Office of Chemical Safety
2200 Churchill Road
Springfield, IL 62706

Ph.D. Indiana State University 1981

Phone (217) 785-0830

Organisms Worked With: 11 13
Systematic Techniques:
Ecological Interests: 37 38
50 64

Geographical Areas:

Organism Specialties: organisms used in aquatic bioassays for acute or chronic toxicity testing: Pimephales promelas, Oryzias latipes, Daphnia magna, D. pulex, Ceriodaphnia reticulata
Ecological Expertise: population and community level effects of toxic effluents or single compounds, based on synoptic surveys of point sources and laboratory bioassays (single and multispecies)

#35

Mr. Brian Jay Bielema

1100 14th Avenue
Fulton, IL 61252

M.S. Western Illinois University 1973
Phone (309) 887-4255

Organisms Worked With: 1 8 9 10
Systematic Techniques: 21
Ecological Interests: 34 35 36 40 42
46 48 52 58 63

Geographical Areas: Whiteside, Carroll and Jo Daviess Counties, Illinois; Clinton, Jackson and Jones Counties, Iowa
Organism Specialties: rattlesnakes - Crotalus, Sistrurus; also Agkistrodon
Ecological Expertise: Massasauga and timber rattlesnake ecology

#36

Mr. J. Paul Biggers

Chief of Environment
Illinois Dept. of Transportation
Bureau of Location and Environment
2300 S. Dirksen Parkway
Springfield, IL 62764

M.S. So. Illinois Univ.-Carbondale 1976
Phone (217) 782-4770

Organisms Worked With: 1 9
Systematic Techniques:
Ecological Interests: 34 35 41 42 43
47 50 52
Geographical Areas: Jackson County, Illinois

Organism Specialties:

Ecological Expertise: vegetation analysis and description; nesting ecology of white-eyed vireos; breeding bird surveys

#37

Dr. Dale E. Birkenholz

Professor
Illinois State University
Department of Biological Sciences
Normal, IL 61761

Ph.D. University of Florida 1962
Phone (309) 438-5567

Organisms Worked With: 8 9

Systematic Techniques:

Ecological Interests: 34 42 43
46 52

Geographical Areas: central Illinois; northern Ontario, Canada

Organism Specialties:

Ecological Expertise: bird and small mammal censusing

#38

Mr. Richard Ernest Bodmer

Research Assistant
Chicago Zoological Society
Research Department
Brookfield, IL 60513

M.S. University of Illinois 1984
Phone (312) 485-0263

Organisms Worked With: 8

Systematic Techniques: 26 31

Ecological Interests: 34 35 40 41 42 44
46 48 57 58

Geographical Areas: Brookfield Zoo, Brookfield, Illinois; Epulu, Zaire; Iquitos, Peru

Organism Specialties: tropical forest ungulates

Ecological Expertise: behavioral ecology

#39

Mr. H. David Bohlen

Assistant Curator of Zoology
Illinois State Museum
Zoology Department
Spring & Edwards
Springfield, IL 62706

B.S. Eastern Illinois University 1966
Phone (217) 782-6697

Organisms Worked With: 9

Systematic Techniques: 21 27

Ecological Interests: 34 40 42 43 44 45
48 52

Geographical Areas: Illinois

Organism Specialties:

Ecological Expertise: birds and their habitats

#40

Mr. John K. Bouseman

Assistant Entomologist
Illinois Natural History Survey
Section of Economic Entomology
607 E. Peabody Drive
Champaign, IL 61820

M.S. University of Illinois-U.C. 1962
Phone (217) 333-2668

Organisms Worked With: 1 12

Systematic Techniques: 20 21 23 27 28 30 31

Ecological Interests: 34 35 40 42 43
46 48 51 58

Geographical Areas: Carroll, Whiteside, Henderson, Mason, Kankakee, Will, Effingham, Fayette, Marion, Union and Pope Counties, Illinois; Brazil; Paraguay; Uruguay; Venezuela; West Indies; Mexico

Organism Specialties: Coleoptera - Cerambycidae, Chrysomelidae, Meloidae, Rhipiphoridae; Hymenoptera - Apoidea

Ecological Expertise: pollination ecology

#41

Mr. Marlin L. Bowles

Research Associate
The Morton Arboretum

Lisle, IL 60532

M.S. University of Illinois 1972
Phone (312) 968-0074

Organisms Worked With: 1

Systematic Techniques: 21 31

Ecological Interests: 34 35 42
48 58 62

Geographical Areas: tall-grass prairie region

Organism Specialties: Orchidaceae; endangered plant taxa

Ecological Expertise: natural area management and inventory;
distribution and management of endangered or threatened plant species

#42

Dr. Raymond H. Brand

Professor
Wheaton College
Biology Department
Wheaton, IL 60187

Ph.D. University of Michigan 1955
Phone (312) 260-5008

Organisms Worked With: 1 2 7 8 9 12

Systematic Techniques: 20 21 27 31

Ecological Interests: 34 40 41 42 45
46 50 52 58 62 63

Geographical Areas: DuPage and Cook Counties, Illinois

Organism Specialties: Collembola; Peromyscus

Ecological Expertise: terrestrial ecology; soil arthropod ecology;
mammalian and avian ecology; applied aspects of wastewater management

#43

Dr. Ronald A. Brandon
Professor & Chairman
Southern Illinois University
Department of Zoology
Carbondale, IL 62901

Ph.D. University of Illinois-U.C. 1962

Phone (618) 536-2314

Organisms Worked With: 10
Systematic Techniques: 20 22 26 27 28 31
Ecological Interests: 34 37 40 42
48 51 52

Geographical Areas: southern Illinois; Ozarks; southern Appalachians; Mexico

Organism Specialties: Caudata; Plethodontidae; Ambystomatidae; Salamandridae; Sirenidae - Ambystoma, Gyrinophilus, Notophthalmus, Pseudotriton, Siren, Desmognathus, Typhlotriton, Haideotriton
Ecological Expertise: life history and reproduction of amphibians

#44

Mr. Charles A. Bridges

502 W. Main St., Apt. 120
Urbana, IL 61801

M.S. University of Illinois
Phone (217) 384-5778

Organisms Worked With: 12
Systematic Techniques: 20 21 27 28
Ecological Interests:

Geographical Areas: worldwide

Organism Specialties: Lepidoptera - Rhopalocera - Hesperidae

Ecological Expertise:

#45

Dr. Allison R. Brigham
Associate Professional Scientist
Illinois Natural History Survey
Section of Aquatic Biology
607 E. Peabody Drive
Champaign, IL 61820

Phone (217) 333-0954

Organisms Worked With: 12 13 15
Systematic Techniques: 21
Ecological Interests: 38 41 42 43
47 50

Geographical Areas: Illinois

Organism Specialties: aquatic and semi-aquatic Heteroptera; aquatic Coleoptera

Ecological Expertise: environmental assessment through water quality and benthic macroinvertebrate community interactions

#46

Dr. Warren U. Brigham
Professional Scientist & Manager
Illinois Natural History Survey
Section of Faunistics
607 E. Peabody Drive
Champaign, IL 61820

Ph.D. University of Illinois 1972
Phone (217) 333-0954

Organisms Worked With: 12
Systematic Techniques: 20 21 23 27 28
Ecological Interests: 35 37 38 39 41 42 43 44 45
50 55 62

Geographical Areas: Illinois, statewide; North Carolina; South Carolina; worldwide

Organism Specialties: Insecta - Coleoptera - Halipidae and aquatics

Ecological Expertise: environmental assessment, modelling, siting

#47

Mr. David Francis Brinker
Staff Ecologist
Dames & Moore
1550 Northwest Highway
Park Ridge, IL 60068

B.S. Univ. of Wisconsin-Green Bay 1977
Phone (312) 297-6120

Organisms Worked With: 1 2 3 8 9 10
Systematic Techniques: 21 27
Ecological Interests: 34 40 41
46 50 62 66

Geographical Areas: northern Illinois and Wisconsin

Organism Specialties: Accipitridae, Pandionidae, Cathartidae, Falconidae, Tytonidae, Strigidae

Ecological Expertise:

#48

Mr. Bruce W. Brown
Assistant Supportive Scientist
Illinois Natural History Survey
Section of Wildlife Research
607 E. Peabody Drive
Champaign, IL 61820

Ph.D. University of Illinois 1984
Phone (217) 333-6857

Organisms Worked With: 8
Systematic Techniques: 20
Ecological Interests: 34 40 41 42
46 52 55

Geographical Areas: Champaign, Iroquois and Kankakee Counties, Illinois

Organism Specialties: Rodentia - Sciuridae - Sciurus and Tamiasciurus

Ecological Expertise: small mammal population ecology and competition

#49

Dr. Daniel D. Brown

Superintendent
Macon Mosquito Abatement District
RR 1 Box 283c
Decatur, IL 62526

Ph.D. University of Illinois 1977

Phone (217) 875-2722

Organisms Worked With: 12

Systematic Techniques: 21 27 28

Ecological Interests: 37 38 39 41 42 43
52 64

Geographical Areas: Macon, Piatt, Champaign and Vermilion Counties, Illinois

Organism Specialties: Diptera - Culicidae - *Aedes vexans*,
A. trivittatus, *A. triseriatus*, *Culex pipiens*, *C. restuans*, *C. salinarius*,
C. erraticus

Ecological Expertise: population dynamics, flight activity, temporal-spatial-seasonal distribution, overwintering and general bionomics of Culicidae

#50

Dr. Lauren E. Brown

Professor
Illinois State University
Department of Biological Sciences
Normal, IL 61761

Ph.D. University of Texas-Austin 1967

Phone (309) 438-5990

Organisms Worked With: 10

Systematic Techniques: 20 21 27 28 31 33

Ecological Interests: 34 35 37 40 42 43 44 45
46 48 50 51 52 63 65

Geographical Areas: sand prairie along the Illinois River, valleys of the Illinois and Mackinaw Rivers, Illinois

Organism Specialties: Salientia - Bufonidae - *Bufo*; Ranidae - *Rana pipiens* complex; Hylidae - *Pseudoeacris*, *Hyla*

Ecological Expertise: speciation, causes and effects of natural hybridization, relic populations; amphibian biology, reproductive ecology, fossorial ecology; ecology of floodplains and prairies

#51

Dr. Sandra L. Brown

Assistant Professor
University of Illinois
Department of Forestry
110 Mumford Hall, 1301 W. Gregory
Urbana, IL 61801

Ph.D. University of Florida 1978

Phone (217) 333-1643

Organisms Worked With: 1 2

Systematic Techniques:

Ecological Interests: 36 40 41 42 43 45
49 55 56 60

Geographical Areas: southern Illinois, north central Illinois; tropics, Latin America, especially Puerto Rico

Organism Specialties:

Ecological Expertise: organic matter dynamics of tropical forests and wetlands/bottomlands

#52

Dr. Richard B. Brugam

Associate Professor
Southern Illinois University
Department of Biological Sciences
Box 65b
Edwardsville, IL 62026

Ph.D. Yale University 1975

Phone (618) 656-3927

Organisms Worked With: 7 13

Systematic Techniques: 27

Ecological Interests: 37 38 41 43
62

Geographical Areas: Madison, St. Clair, Perry and Jackson Counties, Illinois

Organism Specialties: diatoms

Ecological Expertise: recovery of surface mine sites, especially neutralization of surface mine lakes

#53

Mr. John Clay Bruner

Collection Manager
Field Museum of Natural History
Geology Department
Roosevelt Road at Lake Shore Drive
Chicago, IL 60605-2496

M.S. Northern Illinois University 1979

Phone (312) 922-9410

Organisms Worked With: 11

Systematic Techniques: 20 23 27

Ecological Interests: 37 38 40 42 43
47 50 52

Geographical Areas: Cook and Will Counties, Illinois; Indiana; Wyoming

Organism Specialties: Osteichthyes - Pomacentridae - Percidae

Ecological Expertise: systematics of fishes

#54

Dr. Stephen M. Bryant

Associate Professor
Western Illinois University
Department of Biology
Macomb, IL 61455

Ph.D. Univ. of California-Riverside 1975

Phone (309) 298-1374

Organisms Worked With: 12

Systematic Techniques: 21 22 26 27

Ecological Interests: 34 40 42
48

Geographical Areas: deserts and mountains of California and Colorado

Organism Specialties: *Drosophila*Ecological Expertise: population ecology of *Drosophila*

#55

Dr. D. Homer Buck

Aquatic Biologist
Illinois Natural History Survey
Section of Aquatic Biology
Rt. 1
Kinmundy, IL 62854

Ph.D. Oklahoma State University 1951
Phone (618) 245-6348

Organisms Worked With: 1 7 10 11 12 13 15 16 18

Systematic Techniques: 27

Ecological Interests: 37 38 39 41 42 43 44 45
46 58

Geographical Areas: Marion County, Illinois

Organism Specialties:

Ecological Expertise: managed and artificial fish production systems

#56

Mr. John E. Buhnerkempe

Assistant Supportive Scientist
ENR - State Natural History Survey
Section of Wildlife Research
200 W. Wernsing
Effingham, IL 62401

M.S. Eastern Illinois University 1979
Phone (217) 347-5921

Organisms Worked With: 9

Systematic Techniques:

Ecological Interests: 34 35 40 41 43 44 45
46 47 48 52 58 62

Geographical Areas: Jasper and Marion Counties, Illinois

Organism Specialties:

Ecological Expertise: grassland ecology, avian community studies

#57

Dr. William Carl Burger

Curator
Field Museum of Natural History
Department of Botany
Roosevelt Road at Lake Shore Drive
Chicago, IL 60605

Ph.D. Washington University-St. Louis 1961
Phone (312) 922-9410

Organisms Worked With: 1

Systematic Techniques: 21 27 28

Ecological Interests:

51

Geographical Areas: Central America, Costa Rica

Organism Specialties: Central American Piperaceae and Lauraceae

Ecological Expertise:

#58

Mr. Dale Paul Burkett

Conservation Resource Manager II
Illinois Department of Conservation
Division of Fish & Wildlife Resources
13608 Fox Road
Yorkville, IL 60560

M.S. Eastern Illinois University 1981
Phone (312) 553-6680

Organisms Worked With: 7 11 13 15

Systematic Techniques:

Ecological Interests: 37 38 39 41 42 43 45
46 47 50 55 62

Geographical Areas: Kendall, Will, Grundy and Kankakee Counties, Illinois

Organism Specialties:

Ecological Expertise: aquatic ecosystems in natural or man-made lentic water bodies; biomass distribution by guild, especially in the fish community

#59

Dr. Christopher D. Burnett

Assistant Wildlife Ecologist
Illinois Natural History Survey
Section of Wildlife Research
607 E. Peabody Drive
Champaign, IL 61820

Ph.D. Boston University 1982
Phone (217) 333-8907

Organisms Worked With: 1 2 8 9

Systematic Techniques: 20 21 27 31

Ecological Interests: 34 35 40 41 42 43 45
46 50 54 62 66

Geographical Areas: coal mining areas in Illinois; Great Lake states; New England states; Puerto Rico

Organism Specialties: bats: Chiroptera, Vespertilionidae, Eptesicus

Ecological Expertise: mammalian population ecology, especially bats; environmental assessment of surface mining; community ecology of agro-ecosystems

#60

Dr. Brooks M. Burr

Associate Professor
Southern Illinois University
Zoology Department
Carbondale, IL 62901

Ph.D. University of Illinois-U.C. 1977

Phone (618) 536-2314

Organisms Worked With: 11

Systematic Techniques: 20 21 22 23 27 28 30 31

Ecological Interests: 37 40 42

48

Geographical Areas: southern Illinois; Kentucky; Ozarks of Missouri; main channel of the Mississippi River; North Carolina; Mexico

Organism Specialties: Cypriniformes - Cyprinidae - Campostoma, Clinostomus, Notropis; Siluriformes - Noturus; Perciformes - Centrarchidae - Lepomis, Acantharcus; Percidae - Etheostoma

Ecological Expertise: life history studies of small, non-game fishes including analyses of growth, development, reproduction, diet and survivorship

#61

Mr. Philip J. Burton

Graduate Student
University of Illinois
Department of Plant Biology
289 Morrill Hall, 505 S. Goodwin Ave.
Urbana, IL 61801

M.S. University of Hawaii 1980
Phone (217) 333-8507

Organisms Worked With: 1

Systematic Techniques:

Ecological Interests: 34 35 36 40 41 42 43 45
47 48 50 52 54 55 57 59 60 61 62 63 65

Geographical Areas: Champaign County, Illinois; Hawaiian Islands;
Alberta and Northwest Territories, Canada

Organism Specialties:

Ecological Expertise: design and analysis of vegetation surveys and
monitoring programs; surface coal mine revegetation; experimental and
modelling approaches to studying mechanisms of plant succession

#62

Dr. Robert G. Butz

Group Leader
Velsicol Chemical Corp.
R. & D. Dept., Environmental Sciences
341 E. Ohio Street
Chicago, IL 60611

Ph.D. North Carolina State University 1978
Phone (312) 670-4831

Organisms Worked With: 1 5 7

Systematic Techniques: 26

Ecological Interests: 36 41 43
50 55 60 65

Geographical Areas:

Organism Specialties:

Ecological Expertise: fate of xenobiotics in terrestrial and aquatic
ecosystems, especially in higher plants and bacteria

#63

Dr. Joseph W. Camp, Jr.

Assistant Professor
Mundelein College
Department of Biology
6363 Sheridan Road
Chicago, IL 60660

Ph.D. Wake Forest University 1980
Phone (312) 262-8100 Ext. 525

Organisms Worked With: 11 13 15

Systematic Techniques:

Ecological Interests: 37 40 42 44
52 66

Geographical Areas: DuPage and McLean Counties, Illinois

Organism Specialties:

Ecological Expertise: dynamics of parasite populations found in
freshwater fishes, mollusks and crustaceans

#64

Dr. Sidney Camras

M.D.

5600 W. Addison Avenue #202
Chicago, IL 60634

M.D. Illinois Medical School 1944
Phone (312) 777-8696

Organisms Worked With: 12

Systematic Techniques: 20 27 28

Ecological Interests:

Geographical Areas: worldwide

Organism Specialties: Diptera - Conopidae

Ecological Expertise:

#65

Mr. Thomas P. Carroll

Graduate Student
University of Illinois
Department of Plant Biology
289 Morrill Hall, 505 S. Goodwin Avenue
Urbana, IL 61801

B.A. State Univ. of New York - Purchase 1983
Phone (217) 333-1298

Organisms Worked With: 1

Systematic Techniques:

Ecological Interests: 34 35 36 38 40 42 43
47 48 49 51 52 56 57 58

Geographical Areas: Piatt and Champaign Counties, Illinois;
New York State

Organism Specialties: *Acer saccharum*

Ecological Expertise: community classification; environmental factors
affecting mortality and crop size

#66

Mr. Stephen R. Carter

Senior Scientist
Environ. Science & Engineering Inc.
Midwest Office
11665 Lilburn Park Road
St. Louis, MO 63146

B.S. University of Illinois 1971
Phone (314) 567-4600

Organisms Worked With: 11 12 13 15 16

Systematic Techniques: 20 21 27 28

Ecological Interests: 37 38 39 41 42 43 44 45
47 48 50 52 61 62

Geographical Areas: large midwestern river systems: Upper
Mississippi, Missouri and Illinois Rivers

Organism Specialties: aquatic macroinvertebrates of the Midwest:

Ephemeroptera; Trichoptera; aquatic Diptera - Chironomidae; Oligochaeta
Ecological Expertise: aquatic macroinvertebrate ecosystems (benthic,
drift, aufwuchs); impact assessment, thermal studies, entrainment and
impingement

#67

Dr. Everett D. Cashatt

Assoc. Curator/Coord. Zool. Res.
Illinois State Museum
Department of Zoology
Spring & Edwards
Springfield, IL 62704

Ph.D. Catholic University of America 1968
Phone (217) 782-6689

Organisms Worked With: 12
Systematic Techniques: 21 27 28
Ecological Interests: 34 40 42
46 48 51 58
Geographical Areas: New World

Organism Specialties: microlepidoptera, Pyraloidea - Pyralidae
(Chrysauginae) and Pterophoridae
Ecological Expertise: life histories

#68

Dr. Tsan Iang Chuang

Professor
Illinois State University
Department of Biological Sciences
Normal, IL 61761

Ph.D. Univ. of California-Berkeley 1966
Phone (309) 438-7351

Organisms Worked With: 1
Systematic Techniques: 20 24 27 28 29
Ecological Interests: 34
51 59

Geographical Areas: central Illinois; western U.S.A., especially California

Organism Specialties: Scrophulariaceae - Cordylanthus, Orthocarpus, Castilleja; Umbelliferae - Perideridia
Ecological Expertise:

#69

Mr. James M. Clark

Graduate Student
University of Chicago
Department of Anatomy
1025 E. 57th Street
Chicago, IL 60637

M.A. Univ. of California-Berkeley 1984

Organisms Worked With: 10
Systematic Techniques: 20 23 27 28
Ecological Interests:

Geographical Areas: Colorado Plateau; Tamaulipas, Mexico

Organism Specialties: Crocodilia

Ecological Expertise:

#70

Dr. Glen E. Collier

Associate Professor
Illinois State University
Department of Biological Sciences
Normal, IL 61761

Ph.D. Cornell University 1976
Phone (309) 438-7280

Organisms Worked With: 12
Systematic Techniques: 22 26 33
Ecological Interests: 40 42 44
51 57

Geographical Areas:

Organism Specialties: Drosophila

Ecological Expertise:

#71

Mr. Francis William Collins

Chief, Environ. Analysis Branch
U.S. Corps Eng., Rock Island Distr.
Planning Div., Environ. Analysis Branch
Clock Tower Bldg. Annex
Rock Island, IL 61201

M.S. University of Louisville 1955
Phone (309) 788-6361 Ext. 2685

Organisms Worked With: 1 8 9 11 12 15
Systematic Techniques: 21 27 28
Ecological Interests: 36 37 41 42 43 45
46 52 54 60 61 62 63

Geographical Areas: Kentucky

Organism Specialties:

Ecological Expertise: quail and deer ecology; surface mine reclamation

#72

Mr. Patrick J. Conway

4533 Stanley
Downers Grove, IL 60515

Phone (312) 852-5934

Organisms Worked With: 12
Systematic Techniques: 21 28
Ecological Interests: 34 42 43 45
50 52 54 60 61 62 63

Geographical Areas: North America, especially Illinois, Great Plains states, Upper Rocky Mountain states

Organism Specialties: Nearctic Lepidoptera, especially Rhopalocera
Ecological Expertise: distribution and identification of Rhopalocera;
(personal collection of 15,000+ specimens of Nearctic Lepidoptera)

#73

Dr. Michael J. Corn

Professor
College of Lake County
Division of Biological & Health Sciences
19351 W. Washington Street
Grayslake, IL 60030

Ph.D. University of Florida 1981
Phone (312) 223-6601

Organisms Worked With: 10
Systematic Techniques: 21 27 31
Ecological Interests: 35 42 43
48 49 57

Geographical Areas: Central America - Costa Rica; northeast Illinois
- Lake, Cook, McHenry, DuPage, Kane and Will Counties
Organism Specialties: Squamata, especially Anolis

Ecological Expertise:

#74

Dr. Robert S. Corruccini

Associate Professor
Southern Illinois University
Department of Anthropology
Carbondale, IL 62901

Ph.D. Univ. of California-Berkeley 1975
Phone (618) 536-6651

Organisms Worked With: 8
Systematic Techniques: 20 23 27 30
Ecological Interests:

51 53

Geographical Areas: India; Italy
Organism Specialties: primates

Ecological Expertise:

#75

Dr. Suzanne H. Costanza

Research Associate
University of Illinois
Department of Agronomy
1102 S. Goodwin Ave.
Urbana, IL 61801

Ph.D. University of Illinois-U.C. 1984
Phone (217) 333-0842

Organisms Worked With: 1 2 3
Systematic Techniques: 20 27 28 29 33
Ecological Interests: 35 36 40 41 42
51 54 58 59 60

Geographical Areas:

Organism Specialties: extinct Coniferophytes - Cordaitales -
Cordaitaceae - Mesoxylon, Pennsylvanioxylon; modern Poaceae - Eragrostis
Ecological Expertise: paleoecology

#76

Mr. Kirby D. Cottrell

Hatcheries Program Manager
Illinois Department of Conservation
Sand Ridge Fish Hatchery
P.O. Box 560
Manito, IL 61546

M.S. University of Tennessee 1976
Phone (309) 968-7531

Organisms Worked With: 11 7
Systematic Techniques: 26
Ecological Interests: 37 39 41 44 45
58

Geographical Areas:

Organism Specialties:

Ecological Expertise: plankton dynamics

#77

Mr. David C. Cowgill

Physical Scientist
U.S. Army Corps of Engineers
North Central Division - NCDED-WQ
536 S. Clark Street
Chicago, IL 60605

M.S. Indiana University 1977
Phone (312) 353-6354

Organisms Worked With:
Systematic Techniques:
Ecological Interests: 37 38 39 41 43 45
50 55 56 62

Geographical Areas:

Organism Specialties:

Ecological Expertise: limnology, aquatic ecology, water and sediment
chemistry

#78

Dr. Joel Cracraft

Associate Professor
University of Illinois at Chicago
Department of Anatomy
P.O. Box 6998
Chicago, IL 60680

Ph.D. Columbia University 1969
Phone (312) 996-4955

Organisms Worked With: 9
Systematic Techniques: 20 21 23 27
Ecological Interests:

Geographical Areas: Australasia and tropical America

Organism Specialties: Aves

Ecological Expertise: biogeography and speciation analysis

#79

Dr. David M. Craig

Assistant Professor
Rosary College
Department of Natural Sciences
7900 West Division
River Forest, IL 60305

Ph.D. University of Illinois - Chicago 1980
Phone (312) 366-2490 Ext. 403

Organisms Worked With: 12
Systematic Techniques:
Ecological Interests: 34 40 44
48 51 55
Geographical Areas:

Organism Specialties:

Ecological Expertise: population biology - group selection, life history theory, competition theory

#80

Dr. J. Leland Crane

Mycologist
Illinois Natural History Survey
Section of Botany & Plant Pathology
607 E. Peabody Drive
Champaign, IL 61820

Ph.D. University of Maryland 1967
Phone (217) 333-6887

Organisms Worked With: 5 6
Systematic Techniques: 25 27 28 33
Ecological Interests: 38 40 42

Geographical Areas: cypress swamps of southern Illinois; Neotropics

Organism Specialties: Hyphomycetes, Ascomycetes, Torula

Ecological Expertise:

#81

Dr. David C. Culver

Professor
Northwestern University
Dept. of Ecology & Evolutionary Biology
Evanston, IL 60201

Ph.D. Yale University 1970
Phone (312) 492-7199

Organisms Worked With: 1 12 13
Systematic Techniques:
Ecological Interests: 34 35 37 38 40 42
51 58

Geographical Areas: Colorado, West Virginia, Virginia

Organism Specialties:

Ecological Expertise: cave biology; theoretical ecology; ant-plant interactions

#82

Dr. Charles L. Davis

Assistant Professor
McKendree College
Division of Science and Math
901 College Road
Lebanon, IL 62254

Ph.D. Oregon State University 1980
Phone (618) 537-4481

Organisms Worked With: 10 12 15
Systematic Techniques: 22 26 27
Ecological Interests: 34 37 38 40 42
51 52

Geographical Areas: Pacific Coast

Organism Specialties: Tribolium flour beetles; Thais snails

Ecological Expertise: ecological genetics, sex ratio evolution

#83

Dr. Johannes M. J. DeWet

Professor
University of Illinois
Department of Agronomy
1102 S. Goodwin Ave.
Urbana, IL 61801

Ph.D. Univ. of California-Berkeley 1952
Phone (217) 333-9458

Organisms Worked With: 1
Systematic Techniques: 22 24 26 27 28 31
Ecological Interests: 34 43

Geographical Areas: Africa; Asia, especially India; tropical America, especially Mexico, Venezuela and Columbia

Organism Specialties: Poaceae

Ecological Expertise:

#84

Dr. Jonathan P. Dey

Associate Professor
Illinois Wesleyan University
Department of Biology
Sherff Hall
Bloomington, IL 61701

Ph.D. Duke University 1975
Phone (309) 556-3060

Organisms Worked With: 6
Systematic Techniques: 20 21 22 27 28 30
Ecological Interests: 34 35 36 40 42 43
47 48 50 52 63

Geographical Areas: Illinois; Mammoth Cave National Park, Kentucky; southern Appalachian Mountains

Organism Specialties: fruticose and foliose lichens

Ecological Expertise: lichen species inventory

#85

Dr. Michael O. Dillon

Assistant Curator
Field Museum of Natural History
Botany Department
Roosevelt Road at Lake Shore Drive
Chicago, IL 60605-2496

Ph.D. University of Texas-Austin 1976
Phone (312) 922-9410 Ext. 384

Organisms Worked With: 1
Systematic Techniques: 21 24 27 28 29
Ecological Interests:

Geographical Areas: Neotropics, especially Peru

Organism Specialties: Asteraceae

Ecological Expertise:

#86

Dr. Boyce A. Drummond

Assistant Professor
Illinois State University
Department of Biological Sciences
Normal, IL 61761

Ph.D. University of Florida 1976
Phone (309) 438-7694

Organisms Worked With: 12
Systematic Techniques: 21 24 31
Ecological Interests: 35 40 42
46 48 51 52 58

Geographical Areas: McLean County, Illinois; Colorado, Arkansas; Ecuador

Organism Specialties: Lepidoptera - Rhopalocera (Papilionoidea), especially Nymphalidae - Ithomiinae
Ecological Expertise: insect population ecology, tropical community ecology, behavioral and reproductive ecology of Lepidoptera

#87

Ms. Heidi Lorentzen Dunn

Aquatic Biologist
Environ. Science & Engineering Inc.
Ecology Division
11665 Lilburn Park Road
St. Louis, MO 63146

B.S. Purdue University 1979
Phone (314) 567-4600

Organisms Worked With: 11 15 16
Systematic Techniques:
Ecological Interests: 37 38 39 41 43 45
50 52

Geographical Areas: Mississippi River and tributaries; Missouri, Texas, Illinois

Organism Specialties: fish, especially Percids and Cyprinids; Unionidae; Oligochaeta
Ecological Expertise:

#88

Dr. Leonard Durham

Director & Assistant Dean
Eastern Illinois University
Department of Environmental Biology
Charleston, IL 61920

Ph.D. University of Illinois 1955
Phone (217) 581-3011

Organisms Worked With: 10 11 15
Systematic Techniques: 27
Ecological Interests: 37 38 41 42 43 44 45
48 50 52 56 62

Geographical Areas: Coles, Cumberland and Clark Counties, Illinois; Midwest states

Organism Specialties: Centrarchidae, Percidae

Ecological Expertise: fisheries management, age and growth of fishes, population studies

#89

Mr. Jon R. Duyvejonck

General Biologist
U.S. Army Corps of Engineers
Planning Division
Clock Tower Building
Rock Island, IL 61201

M.S. Illinois State University 1978
Phone (309) 788-6361

Organisms Worked With: 11 15
Systematic Techniques:
Ecological Interests: 37 40 42
50

Geographical Areas: Mississippi River, Pools 11-22; Mackinaw River, Illinois

Organism Specialties:

Ecological Expertise: distribution and movements of fishes in channelized streams

#90

Dr. Anthony J. Dvorak

Associate Division Director
Argonne National Laboratory
Environmental Research Division
9700 S. Cass Avenue
Argonne, IL 60439

Ph.D. University of Oklahoma 1973
Phone (312) 972-3117

Organisms Worked With: 1
Systematic Techniques:
Ecological Interests: 34 35 36 40 41 42 43
50 57 61 63

Geographical Areas: Macoupin County, Illinois; Red Desert, Wyoming

Organism Specialties:

Ecological Expertise: grassland ecology; disturbed lands reclamation ecology and succession

#91

Dr. William G. Dyer
 Professor & Associate Dean
 Southern Illinois University
 Department of Zoology
 Carbondale, IL 62901

Ph.D. Colorado State University 1965
 Phone (618) 536-2314

Organisms Worked With: 16 19
 Systematic Techniques: 20 28
 Ecological Interests: 37

Geographical Areas: Puerto Rico, Mexico, South America
 Organism Specialties: digenetic trematodes of marine fish

Ecological Expertise:

#92

Dr. Bohdan Dziadyk
 Assistant Professor
 Augustana College
 Department of Biology
 639 38th Street
 Rock Island, IL 61201

Ph.D. North Dakota State University 1982
 Phone (309) 794-7331

Organisms Worked With: 1
 Systematic Techniques: 21 27
 Ecological Interests: 35 38 40 42 43
 47 60 63 66

Geographical Areas: Rock Island County and the entire prairie
 penninsula region, Illinois; Clay County, Minnesota
 Organism Specialties: Poaceae

Ecological Expertise: grassland ecology, especially tallgrass prairie

#93

Dr. John E. Ebinger
 Professor
 Eastern Illinois University
 Department of Botany
 Charleston, IL 61920

Ph.D. Yale University 1961
 Phone (215) 581-3525

Organisms Worked With: 1 2 3
 Systematic Techniques: 27 28
 Ecological Interests: 35 40 42
 47 52

Geographical Areas: Illinois, Indiana
 Organism Specialties: Poaceae of Illinois

Ecological Expertise: vegetation analysis of forest communities in
 Illinois

#94

Dr. William R. Edwards
 Ecologist
 Illinois Natural History Survey
 Section of Wildlife Research
 607 E. Peabody Drive
 Champaign, IL 61820

Ph.D. University of Illinois-U.C. 1975
 Phone (217) 333-6857

Organisms Worked With: 8 9
 Systematic Techniques: 21 31
 Ecological Interests: 34 35 40 41 42 43 45
 48 50 52 54 56 58 59 60 61 62 63

Geographical Areas: Illinois; agricultural areas of the Midwest
 prairies and their forest ecotones
 Organism Specialties: Sylvilagus, Scolopax minor; Galliformes,
 Zenaida macroura

Ecological Expertise: population ecology of upland game birds, mammals,
 and their habitats; relationships of wildlife to intensive agriculture;
 upland game wildlife management; secondary succession

#95

Dr. Gary E. Eertmoed
 Professor
 Chicago State University
 Department of Biology
 95th Street & King Drive
 Chicago, IL 60628

Ph.D. University of Illinois 1969
 Phone (312) 995-2206

Organisms Worked With: 12
 Systematic Techniques: 20 21 23 27 28 30 31
 Ecological Interests:

52

Geographical Areas: Illinois, Minnesota, Wisconsin, Michigan;
 Ontario, Canada; Central America and South America
 Organism Specialties: Insecta - Psocoptera

Ecological Expertise:

#96

Mr. William J. Elzinga
 Biologist
 Union Electric Company
 Environmental Services
 1901 Gratiot Street
 St. Louis, MO 63166

M.S. S. Illinois Univ.-Edwardsville 1984
 Phone (314) 554-3156

Organisms Worked With: 1 19
 Systematic Techniques: 29
 Ecological Interests: 35 40 42 43
 50 52 59 61 63

Geographical Areas: southern Illinois; Callaway County, Missouri

Organism Specialties:

Ecological Expertise: plant ecology of forests and old fields

#97

Dr. John J. Engel

Associate Curator
Field Museum of Natural History
Department of Botany
Roosevelt Road at Lake Shore Drive
Chicago, IL 60605

Ph.D. Michigan State University 1972
Phone (312) 922-9410

Organisms Worked With: 4
Systematic Techniques: 21 27 28
Ecological Interests:

Geographical Areas: New Zealand, Tasmania, southern South America

Organism Specialties: Hepaticae - Schistochilaceae, Geocalyceae

Ecological Expertise:

#98

Dr. Dan K. Evans

Associate Professor/Curator
Marshall University
Department of Biological Sciences
Hal Greer Blvd.
Huntington, WV 25701

Ph.D. So. Illinois Univ.-Carbondale 1974
Phone (304) 696-6467

Organisms Worked With: 1
Systematic Techniques: 20 21 24 27 28
Ecological Interests: 35 38 40 42 43
47

Geographical Areas: Illinois, West Virginia

Organism Specialties: Cyperaceae - Carex

Ecological Expertise: wetland and riparian ecology

#99

Dr. Robert A. Evers

Botanist Emeritus
Illinois Natural History Survey
Department of Botany and Plant Pathology
607 E. Peabody Drive
Champaign, IL 61820

Ph.D. University of Illinois 1952
Phone (217) 333-6886

Organisms Worked With: 1 2 3
Systematic Techniques:
Ecological Interests: 35

Geographical Areas: Illinois, all counties

Organism Specialties:

Ecological Expertise: natural areas, hill prairies

#100

Dr. Bill W. Falls

Assistant Hatchery Manager
Illinois Department of Conservation
Sand Ridge Fish Hatchery
Box 560
Manito, IL 61546

Ph.D. University of Southern Mississippi 1983
Phone (309) 968-7531

Organisms Worked With: 11
Systematic Techniques: 20 26
Ecological Interests:

Geographical Areas: Illinois water bodies, including Lake Michigan

Organism Specialties: Percichthyidae, Salmonidae, Ictaluridae,
Centrarchidae, Cyprinidae, Esocidae
Ecological Expertise:

#101

Mrs. Judith L. Faulkner

Nat. Areas Preservation Specialist
The Nature Conservancy
Southern Illinois Field Office
RR 2 Box 178
Murphysboro, IL 62966

M.A. So. Illinois Univ.-Carbondale 1972
Phone (618) 684-2660

Organisms Worked With: 1 2 3 8 9
Systematic Techniques:
Ecological Interests: 35 36 41 42
47 50 58 59 60 62

Geographical Areas:

Organism Specialties:

Ecological Expertise: natural area identification and management

#102

Mr. George B. Fell

Executive Director
Natural Land Institute
320 S. Third Street
Rockford, IL 61108

M.S. University of Michigan 1940
Phone (815) 964-6666

Organisms Worked With: 1 3
Systematic Techniques:
Ecological Interests: 36 39 42
47 54 62

Geographical Areas: Illinois

Organism Specialties:

Ecological Expertise: natural area preservation and management

#103

Dr. John W. Fitzpatrick

Associate Curator
Field Museum of Natural History
Division of Birds
Roosevelt Road at Lake Shore Drive
Chicago, IL 60605

Ph.D. Princeton University 1978
Phone (312) 922-9410

Organisms Worked With: 9
Systematic Techniques: 21 23 27 28 31
Ecological Interests: 34 35 40 42
46 48 51

Geographical Areas: Florida; Peru, Brazil, Venezuela

Organism Specialties: Passeriformes: Tyrannidae, Cotingidae, Pipridae, Corvidae, Formicariidae
Ecological Expertise: island biogeography, foraging strategies, population dynamics and demography, evolution of social systems

#104

Dr. Jack Fooden

Research Associate
Field Museum of Natural History
Division of Mammals
Roosevelt Road at Lake Shore Drive
Chicago, IL 60605

Ph.D. University of Chicago 1960
Phone (312) 922-9410 Ext. 275

Organisms Worked With: 8
Systematic Techniques: 20 21 27 28
Ecological Interests: 36 40 42
46 51

Geographical Areas: southern and eastern Asia

Organism Specialties: primates - Macaca

Ecological Expertise: interspecific relationships

#105

Dr. Susan M. Ford

Assistant Professor
Southern Illinois University
Department of Anthropology
Carbondale, IL 62901

Ph.D. University of Pittsburgh 1980
Phone (618) 536-6651

Organisms Worked With: 8
Systematic Techniques: 20 21 23 27
Ecological Interests:

Geographical Areas: Neotropics

Organism Specialties: primates - Platyrrhini

Ecological Expertise:

#106

Dr. George Lawrence Forman

Professor & Chairman
Rockford College
Department of Biology
5050 East State
Rockford, IL 61101

Ph.D. University of Kansas 1969
Phone (815) 226-4133

Organisms Worked With: 8
Systematic Techniques: 20 24 27 31
Ecological Interests:
51

Geographical Areas: North America, Central America, Paleotropics

Organism Specialties: bats, especially Phyllostomidae, Vespertilionidae, Pteropidae

Ecological Expertise:

#107

Dr. Merrill White Foster

Professor
Bradley University
Department of Geological Sciences
Peoria, IL 61625

Ph.D. Harvard University 1970

Phone (309) 676-7611 Ext. 462

Organisms Worked With: 15 17 19
Systematic Techniques: 20 21 23 24 25 27 28 30 31
Ecological Interests: 37 38 39 40 42 43
46 47 48 50 51 52 58 63

Geographical Areas: central Illinois, seas around Antarctica and the subantarctic islands; seas around the Azores Islands

Organism Specialties: Hydrozoa, Scyphozoa - Terebratulida, Rhynchonellida, Strophomenida, Orthida, Spiriferica, Acrotretida - Prosobranchia

Ecological Expertise: marine ecology (brachiopods), community structure and interrelationships of communities, species and populations to physical, chemical, biological and geographic factors; Pennsylvanian plankton comm.

#108

Dr. Robin B. Foster

Research Associate
Field Museum of Natural History
Department of Botany
Roosevelt Road at Lake Shore Drive
Chicago, IL 60605

Ph.D. Duke University 1974
Phone (312) 922-9410

Organisms Worked With: 1 2 3 12
Systematic Techniques: 21 27 28 31
Ecological Interests: 34 35 36 40 42
47 48 50 51 52 58 59 60 62 63 66

Geographical Areas: South America and Central America, especially Peru, Ecuador, Panama and Costa Rica; Paleotropics

Organism Specialties: neotropical forest genera

Ecological Expertise: tropical forest community ecology and floristics

#109

Dr. James S. Fralish

Associate Professor
Southern Illinois University
Department of Forestry
Carbondale, IL 62901

Ph.D. University of Wisconsin-Madison 1969
Phone (618) 453-3341

Organisms Worked With: 1 2

Systematic Techniques:

Ecological Interests: 35 42 43 45

54 55 56 59 60 62 63 66

Geographical Areas: southern Illinois, western Kentucky

Organism Specialties:

Ecological Expertise: forest community-site relationships; succession models; site index models; forest community-fire relationships; habitat typing; natural areas

#110

Dr. Dorothea S. Franzen

Professor Emeritis
Illinois Wesleyan University
Department of Biology
Bloomington, IL 61701

Ph.D. University of Kansas 1946
Phone (309) 556-3187

Organisms Worked With: 15

Systematic Techniques: 20 24 27

Ecological Interests:

Geographical Areas: mollusk family Succineidae throughout the U.S.A.

Organism Specialties: mollusks: Pupillidae - Succineidae - Succinea,

Oxyloma, Catinella

Ecological Expertise:

#111

Mr. Sanford Friedman

Curator & Chairman
Chicago Zoological Park
Mammal Department
3300 Golf Road
Brookfield, IL 60513

B.S. State Univ. of New York-Stony Brook 1975

Organisms Worked With: 8 14

Systematic Techniques: 26

Ecological Interests: 34 41 44

46 48

Geographical Areas: Kankakee County, Illinois

Organism Specialties: Rodentia: Geomyidae - Geomys, Castoridae -

Castor; Carnivora: Mustelidae - Mustela, Gulo; Felidae - Panthera,

Felis

Ecological Expertise: parasite ecology; captive breeding and management

#112

Dr. Richard C. Funk

Professor
Eastern Illinois University
Department of Zoology
Charleston, IL 61920

Ph.D. University of Kansas 1968
Phone (217) 581-2926

Organisms Worked With: 12 14

Systematic Techniques: 21 23 27 28 30

Ecological Interests: 34 40 42

Geographical Areas: worldwide

Organism Specialties: Acari - Trigynaspida - Celaenopsoidea -

Euzerconidae, Diplogyniidae, Schizogyniidae

Ecological Expertise: phoresy and other symbiotic relationships

#113

Dr. Keith Garbutt

Research Associate
Harvard University
Dept. of Organismic & Evolutionary Biology
16 Divinity Avenue
Cambridge, MA 02138

Ph.D. University of Wales 1981
Phone (617) 495-8791

Organisms Worked With: 1

Systematic Techniques: 26 31

Ecological Interests: 34 42 44 45

48 51 55 57 58 59 65 66

Geographical Areas: Champaign County, Illinois; Great Britain

Organism Specialties: Cruciferae - Capsella, Sinapis

Ecological Expertise: ecological genetics, demography, reproductive biology, plant breeding; effects of elevated carbon dioxide concentrations

#114

Mr. Scott P. Garrow

District Wildlife Manager
Illinois Department of Conservation
Fish & Wildlife Resources
P.O. Box 395
Lisle, IL 60532

B.S. Univ. of Wisconsin-Stevens Point 1975
Phone (312) 964-5132

Organisms Worked With: 8 9

Systematic Techniques:

Ecological Interests: 36 41 45

62

Geographical Areas: Cook, Lake, McHenry and DuPage Counties, Illinois

Organism Specialties:

Ecological Expertise: urban wildlife ecology

#115

Dr. Nancy C. Garwood

Assistant Professor
Loyola University of Chicago
Department of Biology
6525 N. Sheridan Road
Chicago, IL 60626

Ph.D. University of Chicago 1979
Phone (312) 508-3284

Organisms Worked With: 1

Systematic Techniques:

Ecological Interests: 34 35 40 42 43
51 58 63

Geographical Areas: Cook County, Illinois; Panama; Papua New Guinea

Organism Specialties:

Ecological Expertise: tropical plant ecology; pollination ecology

#116

Dr. William G. George

Professor
Southern Illinois University
Department of Zoology
Carbondale, IL 62901

Ph.D. University of Arizona 1961
Phone (618) 536-2314

Organisms Worked With: 8 9

Systematic Techniques: 20 21 27 31

Ecological Interests: 34 35 36 40 41 42 43 44
46 48 51 52

Geographical Areas: Union County and adjacent areas, Illinois

Organism Specialties: Mammalia - Felis, Mustella; most orders;

Aves - oscines; Indicatoridae

Ecological Expertise: predator-prey relationships between the domestic cat and the vertebrate fauna

#117

Dr. Robert V. Gessner

Associate Professor
Western Illinois University
Department of Biological Sciences
Macomb, IL 61455

Ph.D. University of Rhode Island 1975
Phone (309) 298-1145

Organisms Worked With: 5

Systematic Techniques: 21

Ecological Interests: 34 35 37 40 41 42
48 52 63

Geographical Areas: west central Illinois

Organism Specialties: higher fungi, morels, ectomycorrhizae

Ecological Expertise: fungal ecology, saltmarsh fungi, marine fungi

#118

Dr. Lowell L. Getz

Professor
University of Illinois
Dept. of Ecology, Ethology & Evolution
606 E. Healey Street
Champaign, IL 61820

Ph.D. University of Michigan 1960
Phone (217) 333-6516

Organisms Worked With: 8 15

Systematic Techniques:

Ecological Interests: 34 40 43 45
46 48 52

Geographical Areas: Champaign County, Illinois

Organism Specialties: gastropods

Ecological Expertise: population ecology

#119

Mr. William D. Glass

Natural Heritage Biologist
Illinois Department of Conservation
One First National Bank Plaza, Suite 519
17th and Halsted Streets
Chicago, IL 60411

M.S. University of Illinois - Chicago 1982
Phone (312) 754-0947

Organisms Worked With: 1

Systematic Techniques: 21

Ecological Interests: 34 41 42
62

Geographical Areas: northern Iowa; Illinois

Organism Specialties: Asclepidaceae, Fabaceae, Solidago

Ecological Expertise: prairies, natural areas

#120

Dr. Sidney F. Glassman

Professor
University of Illinois at Chicago
Department of Biological Sciences
P.O. Box 4348
Chicago, IL 60680

Ph.D. University of Oklahoma 1950
Phone (312) 996-2993

Organisms Worked With: 1

Systematic Techniques: 20 21 22 27 28

Ecological Interests: 40
51

Geographical Areas: Brazil, Columbia, Venezuela, Peru; Central America

Organism Specialties: Palmae, especially genera in the Cocos alliance

Ecological Expertise: vegetation of northeast Brazil and of palm communities

#121

Dr. George L. Godfrey

Associate Insect Taxonomist
 Illinois Natural History Survey
 Sect. Faunistics & Insect Identification
 607 E. Peabody Drive
 Champaign, IL 61820

Ph.D. Cornell University 1970
 Phone (217) 333-6846

Organisms Worked With: 12

Systematic Techniques: 21 27 28 33

Ecological Interests: 35 40 42 45
 46 47 48 58

Geographical Areas: Midwest and Rocky Mountain states

Organism Specialties: Lepidoptera - Noctuidae and Notodontidae

Ecological Expertise:

#122

Ms. Doris Armstrong Goldman

Graduate Student
 University of Illinois
 Dept. of Ecology, Ethology & Evolution
 606 E. Healey Street
 Champaign, IL 61820

M.S. Ohio State University 1976
 Phone (217) 333-2235

Organisms Worked With: 1 12

Systematic Techniques: 26 31

Ecological Interests: 34 37 40 41 42 44
 48 49 53 55 56 58 59

Geographical Areas: Spring Lake Conservation Area and Vermilion
 County, Illinois; central Ohio

Organism Specialties: Zizania, Helianthus, Corylus; Apoidea

Ecological Expertise: pollination of Asteraceae and Corylus; Zizania
 biology; composition of fruit pulps; foraging behavior of flower-visiting
 insects; sex ratios; human energy budgets

#123

Mr. Robert Dan Gooch

Superintendent Natural Resources
 Forest Preserve Dist. DuPage Co.
 Natural Resources Department
 185 Spring Street/P.O. Box 2339
 Glen Ellyn, IL 60138

M.S. Iowa State University 1972
 Phone (312) 790-4900

Organisms Worked With: 1 3 4 5 7 8 9 10 11 12 13 15

Systematic Techniques: 21 27 31

Ecological Interests: 34 35 36 37 38 39 40 42
 47 48 50 52 61 62 63

Geographical Areas: DuPage County, Illinois

Organism Specialties: pteridophytes, bryophytes, algae

Ecological Expertise: reproduction of ferns

#124

Dr. Michael A. Goodrich

Profesor & Chairman
 Eastern Illinois University
 Department of Zoology
 Charleston, IL 61920

Ph.D. Pennsylvania State University 1964
 Phone (217) 581-3126

Organisms Worked With: 10 12

Systematic Techniques: 20 21 23 27 28

Ecological Interests:

Geographical Areas:

Organism Specialties: New World Cetoniinae (Scarabaeidae-Coleoptera),
 world Byturidae (Coleoptera)

Ecological Expertise:

#125

Ms. Dianna M. Goodwin

Graduate Student
 University of Illinois at Chicago
 Department of Biological Sciences
 P.O. Box 4348
 Chicago, IL 60680

M.S. Univ. of California-Davis 1978
 Phone (312) 996-2603

Organisms Worked With: 1 12

Systematic Techniques: 27

Ecological Interests: 44 45
 46 48 51 52 58 59 60 65 66

Geographical Areas: Kane & McHenry Counties, Illinois

Organism Specialties: Diabrotica virgifera, D. longicornis

Ecological Expertise: agricultural ecology, insect/weed pest
 management, insect evolution

#126

Dr. Robert W. Gorden

Section Head
 Illinois Natural History Survey
 Section of Aquatic Biology
 607 E. Peabody Drive
 Champaign, IL 61820

Ph.D. University of Georgia 1967
 Phone (217) 333-6890

Organisms Worked With: 19

Systematic Techniques:

Ecological Interests: 37 38 39 40 41 42 43 44 45
 49 63 66

Geographical Areas: Mississippi River at Pools 19 and 26;
 Marion County, Illinois

Organism Specialties:

Ecological Expertise: microbial ecology; bacterial activities in
 freshwater and thermal ecosystems; methane production

#127

Mr. Keith C. Govro

Department Head
 Environ. Science & Engineering Inc.
 Ecology Department
 11665 Lilburn Park Road
 St. Louis, MO 63146

M.S. Iowa State University 1977
 Phone (314) 567-4600

Organisms Worked With: 1 2 7 8 9 10 11

Systematic Techniques:

Ecological Interests: 34 35 36 37 38 39 40 41 42 43 45
 47 50 52 56 61 62

Geographical Areas: central Illinois; central and northern Missouri;
 central and south-central U.S.

Organism Specialties:

Ecological Expertise: water quality impacts on biotic systems; aquatic toxicology; limnology; ecological impact assessment; community-habitat description; land usage relative to water quality

#128

Dr. Russell W. Graham

Associate Curator
 Illinois State Museum
 Department of Vertebrate Paleontology
 Spring and Edwards
 Springfield, IL 62706

Ph.D. University of Texas-Austin 1976
 Phone (217) 785-4844

Organisms Worked With: 8

Systematic Techniques: 20 21 27 28

Ecological Interests: 35 36 40 42

47 51 53 54 58 66

Geographical Areas: Illinois; eastern Missouri

Organism Specialties: insectivores - Soricidae; Proboscidea;
 rodents - microtines

Ecological Expertise: paleoecology, community evolution

#129

Dr. David W. Greenfield

Dean & Assoc. Provost for Research
 Northern Illinois University
 The Graduate School
 De Kalb, IL 60115

Ph.D. University of Washington 1966
 Phone (815) 753-1883

Organisms Worked With: 11

Systematic Techniques: 21 22 23 24 26 27 28

Ecological Interests: 38 40 42

46 47 50 51

Geographical Areas: northern Illinois; Central America, especially
 Belize and Honduras

Ecological Expertise: resource sharing, competition, community structure

#130

Dr. Thomas Alan Griffiths

Assistant Professor
 Illinois Wesleyan University
 Department of Biology
 Beecher Avenue
 Bloomington, IL 61702

Ph.D. University of Massachusetts 1981
 Phone (309) 556-3230

Organisms Worked With: 8

Systematic Techniques: 20 21 23 27 28 33

Ecological Interests:

51

Geographical Areas: central Illinois; New England; upstate New York;
 Central America; South America; West Indies

Organism Specialties: Chiroptera, especially Phyllostomidae and
 Vespertilionidae

Ecological Expertise:

#131

Dr. Paul Gross

Assistant Professor
 University of Maryland
 Department of Entomology
 College Park, MD 20742

Ph.D. University of Illinois 1985
 Phone (301) 454-7124

Organisms Worked With: 1 2 12

Systematic Techniques:

Ecological Interests: 34 35 40 42 45

46 48 51 52 58 63 65

Geographical Areas: Mason Co., Illinois; Maryland

Organism Specialties: Lepidoptera, Hymenoptera

Ecological Expertise: three trophic levels interactions; parasitoid
 ecology

#132

Mr. Robert F. Gruenewald

430 George St.
 Clifton, IL 60927

Phone (815) 694-2554

Organisms Worked With: 1 2 3 5 8 9 10 11 12 14

Systematic Techniques: 21 28

Ecological Interests: 34 37 40

52

Geographical Areas: east central Illinois; northeast Iowa

Organism Specialties:

Ecological Expertise: wildlife population dynamics

#133

Dr. Robert W. Guth

Executive Director
RPF Ecological Associates, Inc.
727 Reba Place
Evanston, IL 60202-2616

Ph.D. Northwestern University 1980
Phone (312) 328-5915

Organisms Worked With: 1 9

Systematic Techniques: 21

Ecological Interests: 34 35 42 43 45
47 48 50 51 52 58 63

Geographical Areas: northern and central Illinois; northern Indiana
Organism Specialties: Columbiformes, Piciformes, Passeriformes

Ecological Expertise: urban birds; agricultural wildlife; prairie
vegetation and birds

#134

Mrs. Martha E. Hall

Phycologist
WAPORA Inc.
11916 Glenpark Drive
Maryland Heights, MO 63043

M.S. Eastern Illinois University 1974
Phone (314) 298-0163

Organisms Worked With: 7

Systematic Techniques: 20 21 24 27 28

Ecological Interests: 37 38 39 41 42 43 44 45
47 50 52 63

Geographical Areas: Midwest states
Organism Specialties: freshwater algae

Ecological Expertise: freshwater phytoplankton and periphyton; limnology

#135

Dr. Robert W. Hamilton

Professor
Loyola University of Chicago
Department of Biology
6525 North Sheridan Road
Chicago, IL 60626

Ph.D. Ohio State University 1969
Phone (312) 274-3000 Ext. 3628

Organisms Worked With: 12 19

Systematic Techniques: 20 21 27 28

Ecological Interests: 34 40 41 42 43 45
48 52 58 66

Geographical Areas: Illinois prairies, especially northern Illinois;
North America
Organism Specialties: Curculionoidea - Nemonychidae, Attelabidae,
Rhynchitidae
Ecological Expertise: arthropod diversity

#136

Dr. Lonnie Paul Hansen

Assistant Wildlife Ecologist
Illinois Natural History Survey
Section of Wildlife Research
607 E. Peabody Drive
Champaign, IL 61820

Ph.D. University of Illinois 1978
Phone (217) 333-6856

Organisms Worked With: 8

Systematic Techniques:

Ecological Interests: 34 40 41 42 43 45
46 48 52 55 62

Geographical Areas: Piatt and McClean Counties, Illinois

Organism Specialties:

Ecological Expertise: population dynamics and life history strategies
of woodland rodents; harvest, management and ecology of white-tailed deer

#137

Mr. Philip C. Hanson

Head of Group Programs
Field Museum of Natural History
Department of Education
Roosevelt Road at Lake Shore Drive
Chicago, IL 60605

M.S. Northeastern Illinois University 1975
Phone (312) 922-9410 Ext. 201

Organisms Worked With: 1

Systematic Techniques:

Ecological Interests: 35 42 43
52 54 66

Geographical Areas: Cook and adjacent Counties, Illinois

Organism Specialties:

Ecological Expertise: prairie and natural areas; history of disturbance

#138

Mr. Dennis M. Harman

Graduate Student
Southern Illinois University
Department of Zoology
Carbondale, IL 62901

M.A. So. Illinois Univ.-Carbondale 1978
Phone (618) 536-2314

Organisms Worked With: 8 19

Systematic Techniques:

Ecological Interests: 34 35 40 42
47 48 52 58

Geographical Areas: Saline and Jackson Counties, Illinois
Organism Specialties:

Ecological Expertise: Microtus population ecology; life history and
ecology of small mammal populations in grassland/old field communities;
demographic/reproductive variables related to population growth & density

#139

Mr. Ralph L. Harnishfeger
 Researcher II
 Southern Illinois University
 Zoology Dept./Coop Wildlife Research Lab
 Life Science II
 Carbondale, IL 62901

Ph.D. So. Illinois Univ.-Carbondale 1984
 Phone (618) 536-2120

Organisms Worked With: 8 9

Systematic Techniques:

Ecological Interests: 34 35 36 37 38 39 41 42 45
 48 52 55 58 61 62

Geographical Areas: Jackson and Williamson Counties, Illinois

Organism Specialties:

Ecological Expertise: habitat requirements, management and demography/
 life history of small game mammals and furbearers

#140

Mr. Francis M. Harty
 Regional Administrator
 Illinois Department of Conservation
 Div. Forest Resources & Natural Heritage
 #8 Henson Place
 Champaign, IL 61820

M.S. So. Illinois Univ.-Carbondale 1979
 Phone (217) 333-5773

Organisms Worked With: 1 2 3 8 9

Systematic Techniques: 20 21 27

Ecological Interests: 34 35 36 40 41 42 43 45
 47 50 52 54 58 59 60 62 66

Geographical Areas: northeastern, northwestern, east central and southern Illinois

Organism Specialties:

Ecological Expertise: natural areas inventory and management;
 endangered species inventory and management; synecology of Illinois
 natural communities

#141

Mr. Robert Aden Hattaway
 Assistant Professor
 North Park College
 Department of Biology
 5125 N. Spalding Ave.
 Chicago, IL 60625

M.S. University of Tennessee 1973

Phone (312) 583-2700 Ext. 394

Organisms Worked With: 1 2 3 4 5 6 7

Systematic Techniques: 21 23 27 28

Ecological Interests: 35 36 42 43
 47

Geographical Areas: Australasia; Patagonia; Florida Everglades; southern Appalachians; Georgia

Organism Specialties: Bryophyta - Ptychomniaceae - Ptychomnion,
 Cladomniopsis, Cladomnion, Hampeella, Glyphothecium, Tetrapiodopsis
 and Dichelodontium

Ecological Expertise: corticolous and saxicolous bryophytes of limestone
 sinks and associated vascular flora

#142

Dr. Larry A. Hauser
 Bristol-Meyers Company
 Biostatistics and Data Management Group
 Research and Development Division
 2404 Pennsylvania Avenue
 Evansville, IN 47721

Ph.D. University of Notre Dame 1982
 Phone (812) 426-6695

Organisms Worked With: 1

Systematic Techniques: 20 21 22 23 24 27 28 30

Ecological Interests: 34 40 42

48 50 51 52 55 58 60 65

Geographical Areas: central Illinois; prairies; western North America, especially the Intermountain region

Organism Specialties: Brassicaceae - Thelypodium, Thelypodopsis,
 Stanleya, Caulanthus

Ecological Expertise:

#143

Dr. Stephen Paul Havera
 Associate Wildlife Ecologist
 Illinois Natural History Survey
 Wildlife Section
 Box 599/River Research Laboratory
 Havana, IL 62644

Ph.D. University of Illinois 1978
 Phone (309) 543-3950

Organisms Worked With: 1 8 9

Systematic Techniques: 20 27 28 31

Ecological Interests: 34 35 36 38 40 41 42 43 44 45
 50 57 58

Geographical Areas: Illinois, especially the Illinois and Mississippi River valleys

Organism Specialties: Anatidae; Sciuridae

Ecological Expertise: nutrition, physiological ecology, population
 dynamics, management, reproductive physiology of wildlife

#144

Dr. Robert C. Haynes
 Associate Professor
 Sangamon State University
 Biology Program
 Shepherd Road
 Springfield, IL 62708

Ph.D. University of New Hampshire 1971
 Phone (217) 786-6630

Organisms Worked With: 7 13

Systematic Techniques:

Ecological Interests: 38 41 42 43 44
 58

Geographical Areas:

Organism Specialties:

Ecological Expertise: freshwater and saline lakes

#145

Dr. James Edward Heath

Professor
University of Illinois
Department of Physiology & Biophysics
407 S. Goodwin Avenue
Urbana, IL 61801

Phone (217) 333-2832

Organisms Worked With: 8 9 10 12

Systematic Techniques: 20 21 27

Ecological Interests: 40 42 43

46 51 57 58 66

Geographical Areas: southwest U.S.A.; northeast U.S.A. woodlands;
Argentina

Organism Specialties: Insecta - Cicadadae

Ecological Expertise: adaptation physiology

#146

Dr. Maxine Shoemaker Heath

Visiting Assistant Professor
University of Illinois
Department of Physiology & Biophysics
524 Burrill Hall/407 South Goodwin
Urbana, IL 61801

Ph.D. University of Florida 1978

Phone (217) 333-2832

Organisms Worked With: 12

Systematic Techniques: 20 21 23 27 28 33

Ecological Interests: 40 42

46 51 52 56 57 58 66

Geographical Areas: Arizona, New Mexico, Colorado, Utah, Texas;
Argentina

Organism Specialties: Cicadidae

Ecological Expertise: insect host-plant specificity, thermoregulation,
activity cycles, communication, mating, predator avoidance; evolutionary
history and biogeography

#147

Dr. Roy C. Heidinger

Professor & Assistant Director
Southern Illinois University
Fisheries Research Laboratory
Carbondale, IL 62901

Ph.D. So. Illinois Univ.-Carbondale 1970

Phone (618) 536-7761

Organisms Worked With: 11

Systematic Techniques: 22 26 31

Ecological Interests: 37 38 39

46 50 52 57 61 62 64

Geographical Areas: U.S.A.

Organism Specialties:

Ecological Expertise:

#148

Mr. Randy R. Heidorn

District Heritage Biologist
Illinois Department of Conservation
Div. of Forest Resources & Nat. Heritage
110 James Road
Spring Grove, IL 60081

M.A. So. Illinois Univ.-Carbondale 1982

Phone (815) 675-2385

Organisms Worked With: 1 8 9 10

Systematic Techniques:

Ecological Interests: 34 35 36 38 41 42 43 45

47 50 52 54 62 63 65

Geographical Areas: northeast Illinois

Organism Specialties:

Ecological Expertise: natural areas, especially wetlands and prairies;
endangered animal population management, especially terns and bats;
control of exotic plants

#149

Mr. Charles George Helm

Associate Supportive Scientist
Illinois Natural History Survey
Section of Economic Entomology
607 E. Peabody Drive
Champaign, IL 61820

M.S. University of Illinois 1973

Phone (217) 333-1005

Organisms Worked With: 1 12

Systematic Techniques: 20 21 22 27

Ecological Interests: 36 41 45

46 52 58 59 65

Geographical Areas: Champaign, DeKalb, Pope, Madison, Monroe, Logan,
Clark, Crawford and Coles Counties, Illinois

Organism Specialties: Chrysomelidae - Cerotoma; Coccinellidae -
Epicachna; Noctuidae - Plathypena; Glycine max, Abutilon theophrasti,
Xanthium pennsylvanicum

Ecological Expertise: agroecosystems; sampling of insects; insect
overwintering, spring emergence and migration patterns; insect and weed
interference with agricultural crops

#150

Ms. Alice Scott Henry

RR #1

Macomb, IL 61455

M.S. Western Illinois University 1978

Phone (309) 298-1472

Organisms Worked With: 1 2 3

Systematic Techniques: 33

Ecological Interests:

Geographical Areas: west central Illinois

Organism Specialties:

Ecological Expertise:

#151

Dr. Robert D. Henry
Herbarium Curator
Western Illinois University
R.M. Myers Herbarium
Macomb, IL 61455

Ph.D. Ohio State University 1958
Phone (309) 298-1472

Organisms Worked With: 1 2 3
Systematic Techniques: 33
Ecological Interests:

Geographical Areas: west central Illinois
Organism Specialties:

Ecological Expertise:

#152

Dr. Edwin E. Herricks
Associate Professor
University of Illinois
Department of Civil Engineering
208 N. Romaine
Urbana, IL 61801

Ph.D. Johns Hopkins University 1974
Phone (217) 333-0997

Organisms Worked With: 11 12
Systematic Techniques:
Ecological Interests: 37 38 39 40 41 42 43 45
47 50 61 62 64
Geographical Areas: Illinois, Colorado, Pennsylvania

Organism Specialties:

Ecological Expertise: aquatic ecology, environmental management, stream system/watershed management

#153

Dr. David Filbert Hess
Associate Professor
Western Illinois University
Department of Geology
Tillman Hall, W. Adams Street
Macomb, IL 61455

Ph.D. Indiana University 1967
Phone (309) 837-9362

Organisms Worked With: 12
Systematic Techniques: 21 27 28
Ecological Interests: 34 35 40 42 45
46 47 50 58
Geographical Areas: West-central Illinois; Missouri, Arkansas, Indiana, Ohio & Pennsylvania
Organism Specialties: Cercyonis pegala; Rhopalacera of prairie and savannah of west-central Illinois
Ecological Expertise: Biology, biogeography & behavior of Cercyonis pegala; ecology of prairie insects, especially Rhopalacera; geological and physiographic influences on insect distribution

#154

Dr. William J. Hess
Curator
The Morton Arboretum
Research Department
Lisle, IL 60532

Ph.D. University of Oklahoma 1967
Phone (312) 968-0074

Organisms Worked With: 1
Systematic Techniques: 21 24 27 28 30 31
Ecological Interests: 34 40 42
46
Geographical Areas: southwestern states; southeastern states; northern Mexico
Organism Specialties: Rosaceae - Vauquelinia, Spiraea; Aceraceae; Caprifoliaceae; Eriogonum; Tilia; Symplocarpus; Cornus
Ecological Expertise: phenology as it relates to energy release and pollination

#155

Dr. Clifford W. Hesseltine
Chief Fermentation Lab
Northern Regional Research Center
1815 N. University Ave.
Peoria, IL 61614

Ph.D. University of Wisconsin 1950
Phone (312) 691-9608

Organisms Worked With: 5
Systematic Techniques: 27 28
Ecological Interests: 35 38 41 43

Geographical Areas: Illinois; worldwide
Organism Specialties: Mucorales, Phycomycetes

Ecological Expertise: fungi in cultivated fields, especially corn fields

#156

Mr. Steve L. Heydon
Graduate Student
Illinois Natural History Survey
Section of Faunistic Surveys
607 E. Peabody Drive
Champaign, IL 61820

M.S. University of Illinois 1984
Phone (217) 333-6846

Organisms Worked With: 12
Systematic Techniques: 23 27 30
Ecological Interests: 35 40 42
48
Geographical Areas: Champaign County, Illinois; eastern states

Organism Specialties: Hymenoptera - Pteromalidae - Miscogasterinae

Ecological Expertise:

#157

Dr. Larry R. Hoffman

Professor
University of Illinois
Department of Plant Biology
289 Morrill Hall, 505 S. Goodwin Avenue
Urbana, IL 61801

Ph.D. University of Texas 1961
Phone (217) 333-0048

Organisms Worked With: 7
Systematic Techniques: 24 27 28 30 31 33
Ecological Interests:

Geographical Areas: worldwide

Organism Specialties: green algae - Oedogoniales, Sphaeropleales,
Cylindrocapsales
Ecological Expertise:

#158

Dr. Donald F. Hoffmeister

Director
University of Illinois
Museum of Natural History
1301 W. Green Street
Urbana, IL 61801

Ph.D. Univ. of California-Berkeley 1944
Phone (217) 333-2517

Organisms Worked With: 8
Systematic Techniques: 21 27 28
Ecological Interests: 34

Geographical Areas: Illinois; Arizona; much of the Southwest; parts of
Mexico

Organism Specialties: mammals, especially Peromyscus, other cricetine
rodents, bats and shrews
Ecological Expertise: life history of various rodents and other mammals

#159

Dr. Joyce E. Hofmann

Visiting Research Associate
University of Illinois
Dept. of Ecology, Ethology & Evolution
606 E. Healey Street
Champaign, IL 61820

Ph.D. University of Illinois 1978
Phone (217) 333-1631

Organisms Worked With: 8
Systematic Techniques:
Ecological Interests: 34 40 43 45
46 48 52

Geographical Areas: Champaign County, Illinois

Organism Specialties:

Ecological Expertise: population dynamics and behavioral ecology of
small mammals

#160

Mr. Kevin P. Hogan

Graduate Student
University of Illinois
Department of Plant Biology
289 Morrill Hall, 505 S. Goodwin Avenue
Urbana, IL 61801

M.S. University of Illinois 1982
Phone (217) 333-4396

Organisms Worked With: 1
Systematic Techniques:
Ecological Interests: 34 40 42
48 49 51 55 57 59

Geographical Areas: Panama

Organism Specialties:

Ecological Expertise: plant demography, ecology of plant architecture,
plant physiological ecology

#161

Mr. Eugene W. Holmes

706 W. Eleanor Place
Peoria, IL 61604

M.A. Bradley University 1956
Phone (309) 685-5661

Organisms Worked With: 10
Systematic Techniques: 26
Ecological Interests: 34 40 42 45
50

Geographical Areas: Peoria, Tazewell and Woodford Counties, Illinois

Organism Specialties:

Ecological Expertise:

#162

Mr. Bruce W. Horn

Microbiologist
Northern Regional Research Center
Fermentation Laboratory
1815 N. University
Peoria, IL 61604

M.A. University of Kansas 1980
Phone (309) 685-4011

Organisms Worked With: 5
Systematic Techniques:
Ecological Interests: 34 35 40 41 42 44
48 57 58 59 63 64

Geographical Areas:

Organism Specialties: Penicillium, Aspergillus

Ecological Expertise: ecology of cereal fungi

#163

Dr. Lynne D. Houck

Assistant Professor
University of Chicago
Department of Biology
1103 E. 57th Street
Chicago, IL 60637

Ph.D. Univ. of California-Berkeley 1977
Phone (312) 962-3401

Organisms Worked With: 10
Systematic Techniques: 31
Ecological Interests: 34 40 42
46 48 51

Geographical Areas: North Carolina, Tennessee, Virginia

Organism Specialties: Urodeles: Plethodontidae - Desmognathus;
Ambystomatidae - Ambystoma
Ecological Expertise: life history studies

#164

Mr. George F. Hubert Jr

Furbearer Biologist
Illinois Department of Conservation
Division Fish & Wildlife Resources
P.O. Box 728
Hinckley, IL 60520-0728

M.S. Colorado State University 1974
Phone (815) 286-7434

Organisms Worked With: 8
Systematic Techniques:
Ecological Interests: 34 36 41 42 43 45
48 52 62

Geographical Areas: Illinois

Organism Specialties:

Ecological Expertise: wildlife and furbearer management, furbearer biology

#165

Dr. Michael J. Huft

Visiting Assistant Curator
Field Museum of Natural History
Department of Botany
Roosevelt Road at Lake Shore Drive
Chicago, IL 60605

Ph.D. University of Michigan 1979
Phone (312) 922-9410

Organisms Worked With: 1
Systematic Techniques: 21 27 28 30
Ecological Interests:

Geographical Areas: southern states; Neotropics, especially Mexico and Central America

Organism Specialties: Euphorbiaceae; Loganiaceae; Eriocaulaceae;
Amaryllidaceae - Hypoxis
Ecological Expertise:

#166

Dr. Lawrence Barrie Hunt

Professor
Eastern Illinois University
Department of Zoology
Charleston, IL 61920

Ph.D. University of Wisconsin-Madison 1968
Phone (217) 581-2817

Organisms Worked With: 9
Systematic Techniques:
Ecological Interests: 34 35 40 42 43
46 48 52 63

Geographical Areas: Coles County and east central Illinois; Sonoran Desert, Arizona

Organism Specialties:

Ecological Expertise: migrational phenology, breeding biology and seral preferences of midwestern birds

#167

Mr. Max Donald Hutchison

Field Representative
Natural Land Institute
RR 1
Belknap, IL 62908

B.S. Southern Illinois University 1961
Phone (618) 658-8654

Organisms Worked With: 1 2 3 8 9 10 11 12
Systematic Techniques: 21
Ecological Interests: 35 36 38 39 40 41 42
47 50

Geographical Areas: southern Illinois; southern Indiana

Organism Specialties:

Ecological Expertise: presettlement landscape character

#168

Dr. Theodore Hymowitz

Professor
University of Illinois
Department of Agronomy
1102 South Goodwin Ave.
Urbana, IL 61801

Ph.D. Oklahoma State University 1963
Phone (217) 333-9454

Organisms Worked With: 1
Systematic Techniques: 21 22 24 26 27 33
Ecological Interests:

Geographical Areas: Australia, South Pacific; East Asia

Organism Specialties: Fabaceae - Glycine and allied genera

Ecological Expertise:

#169

Mr. Francis M. Imboden
District Fishery Biologist
Illinois Department of Conservation
Division Fish & Wildlife Resources
P.O. Box 3
Sparta, IL 62286

M.S. So. Illinois Univ.-Carbondale 1974
Phone (618) 443-2925

Organisms Worked With: 11

Systematic Techniques:

Ecological Interests: 37 41 42 43 44 45
52 61 62 65

Geographical Areas: Clinton, Monroe, Randolph, St. Clair and
Washington Counties, Illinois
Organism Specialties:

Ecological Expertise:

#170

Dr. Robert F. Inger
Curator
Field Museum of Natural History
Department of Zoology
Roosevelt Road at Lake Shore Drive
Chicago, IL 60605

Ph.D. University of Chicago 1954
Phone (312) 922-9410

Organisms Worked With: 10

Systematic Techniques: 21 27 33

Ecological Interests: 34 35 40 42 42
47 51 47 50

Geographical Areas:

Organism Specialties: anurans, lizards, snakes

Ecological Expertise: organization and evolution of communities;
population fluctuations; diversity

#171

Dr. Michael E. Irwin
Associate Professor
Illinois Natural History Survey
Agricultural Entomology
607 E. Peabody Drive
Champaign, IL 61820

Ph.D. Univ. of California-Riverside 1971
Phone (217) 333-1965

Organisms Worked With: 1 12

Systematic Techniques: 21 22 23 27 31

Ecological Interests: 36 40 41 42 45
46 51 54 58

Geographical Areas: worldwide

Organism Specialties: Diptera - Therevidae, Cracycera

Ecological Expertise: behavioral ecology, agroecosystems, desert
ecosystems, sandy soils, dispersal and migration

#172

Mr. Roderick R. Irwin
Research Affiliate
Illinois Natural History Survey
Section of Faunistic Surveys
24 East 99th Place
Chicago, IL 60628

B.A. Chicago State University 1980
Phone (312) 468-1124

Organisms Worked With: 12

Systematic Techniques: 20 27 28

Ecological Interests: 34 42
48 52

Geographical Areas: Illinois

Organism Specialties: Lepidoptera

Ecological Expertise: distribution of butterflies in Illinois

#173

Dr. Louis Robert Iverson
Assistant Professional Botanist
Illinois Natural History Survey
Section of Botany & Plant Pathology
607 E. Peabody Drive
Champaign, IL 61820

Ph.D. University of North Dakota 1981
Phone (217) 333-8907

Organisms Worked With: 1

Systematic Techniques:

Ecological Interests: 34 35 36 41 42 43
50 54 56 57 59 60 61 62 63

Geographical Areas:

Organism Specialties:

Ecological Expertise: reclamation of mined lands

#174

Dr. Joseph D. Ives
Associate Professor
Western Illinois University
Department of Biological Sciences
Macomb, IL 61455

Ph.D. University of Minnesota 1967
Phone (309) 298-1164

Organisms Worked With: 1 2 3 4

Systematic Techniques: 21

Ecological Interests: 34 35 38 40 42 43
47 48 50 58 59 60 61 63

Geographical Areas: west central Illinois; Midwest states; Belize

Organism Specialties:

Ecological Expertise: plant community relationships and successional
processes; microclimatic effects on individuals, populations and
communities; raptorial bird habitat analysis and evaluation

#175

Mr. Robert J. Izor

Collection Manager
Field Museum of Natural History
Division of Mammals
Roosevelt Road at Lake Shore Drive
Chicago, IL 60605

B.S. Beloit College-Wisconsin 1973
Phone (312) 922-9410 Ext. 249

Organisms Worked With: 8
Systematic Techniques: 20 21 23 27 28
Ecological Interests: 35 40 42 43
46 51

Geographical Areas: Illinois; Neotropics

Organism Specialties: carnivores; primates; bats

Ecological Expertise: faunal survey and analysis; host-parasite associations

#176

Dr. Larry A. Jahn

Professor
Western Illinois University
Department of Biological Sciences
Macomb, IL 61455

Ph.D. Montana State University 1968
Phone (309) 298-1266

Organisms Worked With: 11
Systematic Techniques:
Ecological Interests: 37 38 39 40 41 42 43 44 45
46 52 58 61 62 66

Geographical Areas: west central Illinois

Organism Specialties: Percichthyidae, Centrarchidae, Ictaluridae, Clupeidae

Ecological Expertise: lake and pond fish management; natural history of fish in rivers and streams

#177

Dr. Alan P. Jaslow

Postdoctoral Fellow
University of Chicago
Department of Anatomy
1025 E. 57th Street
Chicago, IL 60637

Ph.D. University of Michigan 1982
Phone (312) 962-8091

Organisms Worked With: 10
Systematic Techniques: 20 27 33
Ecological Interests: 34 35 37 40 42
46 48 51 58

Geographical Areas: Michigan, Wisconsin; Panama

Organism Specialties: anurans

Ecological Expertise: population regulation in tadpoles; communications in adult anurans

#178

Dr. Michael Robert Jeffords

Assistant Professional Scientist
Illinois Natural History Survey
Section of Economic Entomology
607 E. Peabody Drive
Champaign, IL 61820

Ph.D. University of Illinois-U.C. 1978
Phone (217) 333-6250

Organisms Worked With: 12
Systematic Techniques:
Ecological Interests: 34 40 41 42 43 44 45
46 48 50 51 52 55 58

Geographical Areas: northeastern Illinois

Organism Specialties:

Ecological Expertise: population biology of economically important forest and field crop pests; evolutionary biology of predaceous insects and vertebrates

#179

Dr. Norman H. Jensen

Assoc. Prof. & Acting Chairman
Millikin University
Department of Biology
1184 W. Main Street
Decatur, IL 62522

Ph.D. Univ. of Nebraska-Lincoln 1972
Phone (217) 424-6230

Organisms Worked With: 9 11
Systematic Techniques: 21 31
Ecological Interests: 36 39 43
48 50 58

Geographical Areas:

Organism Specialties:

Ecological Expertise: aquatic biology

#180

Dr. Robert Karl Johnson

Curator & Chairman
Field Museum of Natural History
Department of Zoology
Roosevelt Road at Lake Shore Drive
Chicago, IL 60605

Ph.D. Univ. of Calif.-San Diego-Scripps 1972
Phone (312) 922-9410

Organisms Worked With: 11
Systematic Techniques: 20 21 23 27 28 30 31
Ecological Interests: 37 38 39 40 42
47 48 51 52

Geographical Areas: worldwide, especially western Caribbean

Organism Specialties: mesopelagic fishes: Stomiiformes, Myctophiformes, Chiasmodontidae; shallow-water fishes: Blennioidei, Gobioidae
Ecological Expertise:

#181

Dr. Almut G. Jones

Curator & Assistant Professor
University of Illinois
Department of Plant Biology
289 Morrill Hall, 505 S. Goodwin Ave.
Urbana, IL 61801

Ph.D. University of Illinois 1973
Phone (217) 333-2522

Organisms Worked With: 1
Systematic Techniques: 21 23 24 28 30
Ecological Interests:

Geographical Areas:

Organism Specialties: Astereae - Asteraceae - Aster and related genera

Ecological Expertise:

#182

Mr. Dan W. Jones

Head of Biology Section
Peabody Coal Company
Central Laboratory
P.O. Box 39
Freeburg, IL 62243

B.A. So. Illinois Univ.-Edwardsville 1969
Phone (618) 539-5113

Organisms Worked With: 10 11 12 13 15 16
Systematic Techniques: 20
Ecological Interests: 37 38 39 41 42 43 45
50 52 61

Geographical Areas: St. Clair, Randolph, Saline, and Williamson
Counties, Illinois; Indiana; Kentucky; Missouri

Organism Specialties: Midwest fishes; Chironomidae; Illinois mussels

Ecological Expertise: aquatic ecology, especially as related to coal
mining disturbance and reclamation

#183

Ms. Jeanine E. Karnes

Technical Assistant
Illinois Natural History Survey
Department of Botany and Plant Pathology
607 E. Peabody Drive
Champaign, IL 61820

M.S. Northern Illinois University 1981
Phone (217) 333-8907

Organisms Worked With: 1 8 9
Systematic Techniques:
Ecological Interests: 36 40 42
58

Geographical Areas: northern and central Illinois

Organism Specialties:

Ecological Expertise: small mammal ecology

#184

Dr. James R. Karr

Deputy Director
Smithsonian Tropical Research Institute
P.O. Box 2072
Balboa, Panama

Ph.D. University of Illinois 1970

Organisms Worked With: 9 11
Systematic Techniques: 21
Ecological Interests: 34 35 36 37 38 39 40 41 42 43 45
47 50 54 62

Geographical Areas: Champaign and Vermilion Counties, Illinois;
Indiana; Panama

Organism Specialties: birds, fishes

Ecological Expertise: tropical ecology, aquatic ecology, community
ecology, natural resources, water resources

#185

Ms. Carol Anne Kelly

Graduate Student
University of Illinois
Department of Plant Biology
289 Morrill Hall, 505 S. Goodwin Avenue
Urbana, IL 61801

M.A. University of Iowa 1983
Phone (217) 333-1298

Organisms Worked With: 1 2 3 12
Systematic Techniques: 21 28 31
Ecological Interests: 34 35 36 37 38 40 42 43
48 51 52 57 58 59 60 63

Geographical Areas: U.S.A.

Organism Specialties: Fabaceae - Cassia

Ecological Expertise: plant-animal interactions

#186

Mr. Jerome Kelly

Biologist
Ecology & Environment Inc.
223 W. Jackson Blvd.
Chicago, IL 60606

M.S. University of Miami 1970
Phone (312) 663-9415

Organisms Worked With: 1 11 12 13 15 16
Systematic Techniques: 21 27
Ecological Interests: 38 39 41 43
47 50 64

Geographical Areas: Midwest states; Florida

Organism Specialties: aquatic macroinvertebrates

Ecological Expertise: aquatic ecology; effects of hazardous substances
on aquatic communities

#187

Mr. Martin P. Kemper

District Wildlife Biologist
Illinois Department of Conservation
Division Fish & Wildlife Resources
307 W. Alton
Nashville, IL 62263

M.A. So. Illinois Univ.-Carbondale 1976
Phone (618) 327-4158

Organisms Worked With: 1 8 9

Systematic Techniques:

Ecological Interests: 36 41 42 45
54 58 62

Geographical Areas: Randolph, Monroe, St. Clair, Clinton and
Washington Counties, Illinois

Organism Specialties:

Ecological Expertise: wildlife habitat assessment and manipulation;
plant community management; conservation of natural ecosystems; avian
ecology

#188

Ms. Kathryn A. Kerr

Consultant

RR 1 Box 247
Urbana, IL 61801

B.A. So. Illinois Univ.-Carbondale 1971
Phone (217) 643-7571

Organisms Worked With: 1

Systematic Techniques: 20 21 30 31

Ecological Interests: 34 35 36 37 38 39 41 42 45
47 50 52 59 60

Geographical Areas: Midwest states

Organism Specialties:

Ecological Expertise: natural areas - forest, savanna, prairie,
glade wetlands

#189

Ms. Phyllis Kerstein

President

Advanced Exterminating Service Inc.
1356 S. Michigan Avenue
Chicago, IL 60605

B.A. Roosevelt University 1948
Phone (312) 427-5800

Organisms Worked With: 8 9 10 12 14

Systematic Techniques: 27 28 31

Ecological Interests: 41 44
46 50 64

Geographical Areas: Chicago and surrounding suburbs, Illinois;
northwest Indiana

Organism Specialties: rodents and insects

Ecological Expertise: urban communities

#190

Dr. Kenneth J. Kessler Jr

Principal Plant Pathologist

USDA N. Central Forest Expt. Stat.
Forestry Sciences Lab
Southern Illinois University
Carbondale, IL 62901

Ph.D. West Virginia University 1960
Phone (618) 453-2318

Organisms Worked With: 1 5

Systematic Techniques: 20 27 28 31

Ecological Interests: 36 41 42 44 45
48 50 59

Geographical Areas: southern Illinois, Iowa, Missouri, Minnesota,
Wisconsin, Indiana, Michigan

Organism Specialties: Juglandaceae, Fagaceae, Betulaceae, Oleaceae,
Aceraceae; Ascomycetes, Fungi imperfecti

Ecological Expertise: epidemiology of fungal leaf diseases of hardwoods

#191

Dr. John B. Kethley

Associate Curator & Division Head

Field Museum of Natural History
Division of Insects
Roosevelt Road at Lake Shore Drive
Chicago, IL 60605

Ph.D. University of Georgia 1969

Phone (312) 922-9410

Organisms Worked With: 14 19

Systematic Techniques: 20 21 23 28

Ecological Interests: 34 35 40 42 43
48

Geographical Areas: Midwest states; worldwide

Organism Specialties: Acari - Prostigmata (excluding plant mites & water
mites); Mesostigmata - Eviphidoidea, Heterozeticoidea, Holothyroidea,
Sagina, Trigynaspida

Ecological Expertise: deep soil acarid fauna; ecology of avian acarine
parasites

#192

Ms. Michelle K. Kettler

Research Assistant

University of Illinois
Department of Genetics & Development
515 Morrill Hall, 505 S. Goodwin Avenue
Urbana, IL 61801

M.S. St. Louis University 1980
Phone (217) 333-8001

Organisms Worked With: 11

Systematic Techniques: 22 24 26

Ecological Interests: 34 36 37 39 40 42
51

Geographical Areas: northern Illinois, Wisconsin, Washington, North
Carolina

Organism Specialties: Umbridae, Esocidae, Salmonidae

Ecological Expertise:

#193

Ms. Frances B. King

Research Associate
Illinois State Museum
Department of Botany
Spring and Edwards
Springfield, IL 62707

M.S. University of Arizona 1972
Phone (217) 785-4846

Organisms Worked With: 1
Systematic Techniques: 20 21
Ecological Interests:

53 54 66

Geographical Areas: Illinois, Midwest states

Organism Specialties:

Ecological Expertise: paleoecology, plants used by prehistoric Amerindians

#194

Dr. James E. King

Head of Scientific Sections
Illinois State Museum
Spring and Edwards
Springfield, IL 62706

Ph.D. University of Arizona 1972
Phone (217) 782-7475

Organisms Worked With: 1 2 3

Systematic Techniques:

Ecological Interests: 34 35 40 42

48 63 66

Geographical Areas: midwestern North America

Organism Specialties:

Ecological Expertise: palynology and paleoecology

#195

Mr. Brian J. Klatt

Graduate Research Assistant
University of Illinois
Dept. of Ecology, Ethology & Evolution
606 E. Healey Street
Champaign, IL 61820

M.S. Northern Illinois University 1979
Phone (217) 333-2235

Organisms Worked With: 8

Systematic Techniques:

Ecological Interests: 34 35 40 41 43 45

46 48 52 58 62 66

Geographical Areas: Champaign and Grundy Counties, Illinois; Indiana

Organism Specialties:

Ecological Expertise: community and population ecology, behavioral ecology

#196

Mr. Vernon M. Kleen

Avian Ecologist
Illinois Department of Conservation
Div. Forest Resources & Nat. Heritage
524 S. 2nd
Springfield, IL 62706

M.A. So. Illinois Univ.-Carbondale 1973
Phone (217) 785-8774

Organisms Worked With: 9

Systematic Techniques:

Ecological Interests: 34 35 36 42 43 44 45

50 52

Geographical Areas: Illinois

Organism Specialties: all non-game birds

Ecological Expertise: bird distribution and abundance

#197

Mr. Kenneth F. Klick

120 Kingston
Bolingbrook, IL 60439

A.S. Moraine Valley Community College 1983
Phone (312) 739-5739

Organisms Worked With: 1 2 3 7 9 10

Systematic Techniques: 27 28

Ecological Interests: 34 35 36 40 42 43 45

47 50 52 54

Geographical Areas: northeastern Illinois, northwestern Indiana

Organism Specialties: freshwater Rhodophyta - Bangiales

Ecological Expertise: floristics; natural area management

#198

Dr. W. D. Klimstra

Professor & Director Coop. Lab.
Southern Illinois University
Cooperative Wildlife Research Laboratory
Life Science II, Room 251
Carbondale, IL 62901

Ph.D. Iowa State University 1949
Phone (618) 536-7766

Organisms Worked With: 1 8 9

Systematic Techniques: 20 21 27 28 31 32

Ecological Interests: 34 35 36 40 41 42 43 45

46 48 50 52 54 58 59 60 61 62 63

Geographical Areas:

Organism Specialties:

Ecological Expertise:

#199

Mrs. Genevieve J. Kline

Northern Illinois University
Department of Biological Sciences
De Kalb, IL 60115

A.B. Wellesley College 1962
Phone (815) 753-1459

Organisms Worked With: 1

Systematic Techniques: 20 21 23 24 26 27 28 31

Ecological Interests:

Geographical Areas: U.S.A., Canada, Mexico

Organism Specialties: Agrimonia (North and Central America)

Ecological Expertise:

#200

Dr. Marcos Kogan

Professor
Illinois Natural History Survey
Section of Economic Entomology
607 E. Peabody Drive
Champaign, IL 61820

Ph.D. University of California-Riverside 1969
Phone (217) 333-1005

Organisms Worked With: 12

Systematic Techniques: 20 21 22 27 28

Ecological Interests: 34 35 40 41 42 45

46 52 58

Geographical Areas: central and southern Illinois; Brazil; Korea;

China; Japan; Thailand

Organism Specialties: Coleoptera; Strepsiptera

Ecological Expertise: ecology of Coleoptera associated with legumes;
population dynamics; sampling methods; nutritional ecology; host selection
behavior; plant defense strategies; chemical ecology

#201

Dr. Christopher C. Kohler

Assistant Professor
Southern Illinois University
Fisheries Research Laboratory
Rm 183 Life Science II
Carbondale, IL 62901

Ph.D. Virginia Polytechnic Institute 1980
Phone (618) 453-2890

Organisms Worked With: 11 13

Systematic Techniques: 20 27

Ecological Interests: 37 38 39 40 41 42 43 44 45

50 52 62

Geographical Areas: southern Illinois; Haiti; Brazil

Organism Specialties: Alosa pseudohareugus

Ecological Expertise: fish predator and prey interactions; exploitation
effects on fish communities

#202

Dr. Kipp Colby Kruse

Associate Professor
Eastern Illinois University
Department of Zoology
Charleston, IL 61920

Ph.D. University of Nebraska 1978
Phone (217) 581-5410

Organisms Worked With: 10 11 12

Systematic Techniques: 31

Ecological Interests: 34 37 40 42 43 44

46 51

Geographical Areas: southern Illinois

Organism Specialties: Ranidae - Rana pipiens complex

Ecological Expertise: behavioral ecology (sexual selection and optimal
foraging theory) and reproductive biology of Anurans

#203

Mr. John H. Kube

Forest Wildlife Biologist
Illinois Department of Conservation
P.O. Box 298
Petersburg, IL 62675

M.S. University of Wisconsin 1978
Phone (217) 632-3841

Organisms Worked With: 8

Systematic Techniques:

Ecological Interests: 34 36 41 42 45

46 48 53 58 62 63

Geographical Areas: Illinois

Organism Specialties:

Ecological Expertise: deer management

#204

Dr. M. L. Kumler

Professor
Southern Illinois University
Department of Biological Sciences
Box 65B
Edwardsville, IL 62026-1001

Ph.D. Oregon State University 1963
Phone (618) 692-2109

Organisms Worked With: 1 2 3

Systematic Techniques: 21 28

Ecological Interests: 34 35 40 41 42 43

47 49 56 59 60 63

Geographical Areas: Madison and St. Clair Counties, Illinois; Oregon
coast; Afghanistan, India, Pakistan

Organism Specialties:

Ecological Expertise: plant community ecology, nitrogen fixation

#205

Dr. Cletus P. Kurtzman

Research Leader
 USDA Northern Reg. Research Center
 ARS Culture Collection
 1815 N. University Street
 Peoria, IL 61604

Phone (309) 685-4011

Organisms Worked With: 5
 Systematic Techniques: 21 22 24 26 27 28 33
 Ecological Interests:

Geographical Areas:

Organism Specialties: Ascomycetous and Basidiomycetous yeasts
 Ecological Expertise:

#206

Dr. Wallace E. LaBerge

Section Head, Taxonomist
 Illinois Natural History Survey
 Section of Faunistic Surveys
 607 E. Peabody Drive
 Champaign, IL 61820

Ph.D. University of Kansas 1955
 Phone (217) 333-6846

Organisms Worked With: 12
 Systematic Techniques: 20 21 23 27 28 30
 Ecological Interests: 34 40 42
 46 51 58

Geographical Areas: North America and Central America

Organism Specialties: Insecta - Hymenoptera, Apoidea

Ecological Expertise:

#207

Dr. Herbert F. Lamp

Associate Dean
 Northeastern Illinois University
 College of Arts & Sciences
 5500 N. St. Louis Avenue
 Chicago, IL 60625

Ph.D. University of Chicago 1951
 Phone (312) 583-4050 Ext. 720

Organisms Worked With: 1 2 3
 Systematic Techniques: 28
 Ecological Interests: 35 38 40 42 43
 47 57 59 63

Geographical Areas: Cook County, northern Illinois; northern Indiana, southern Michigan

Organism Specialties:

Ecological Expertise:

#208

Dr. William O. Lamp

Assistant Professional Scientist
 Illinois Natural History Survey
 Section of Economic Entomology
 607 E. Peabody Drive
 Champaign, IL 61820

Ph.D. University of Nebraska 1980
 Phone (217) 333-7430

Organisms Worked With: 12
 Systematic Techniques:
 Ecological Interests: 34 35 37 40 41 42 45
 46 48 54 58 65

Geographical Areas: Champaign and St. Clair Counties, Illinois

Organism Specialties:

Ecological Expertise: weed/insect interactions, insect ecology, pest management

#209

Mr. Wayne A. Lampa

Resource Management Specialist
 Forest Preserve District DuPage Co.
 Natural Resources Department
 P.O. Box 2339, 185 Spring Ave.
 Glen Ellyn, IL 60138

M.S. Louisiana State University 1965
 Phone (312) 790-4900

Organisms Worked With: 1 2 3 4 5 6 8 9 11 12
 Systematic Techniques:
 Ecological Interests: 34 35 36 37 38 39 41 42 43 45
 47 48 50 52 54 58 59 60 62 63

Geographical Areas: DuPage County, Illinois

Organism Specialties:

Ecological Expertise: plant communities of DuPage County, their ecology, distribution, natural histories, management and restoration needs

#210

Dr. Richard Weldon Larimore

Aquatic Biologist
 Illinois Natural History Survey
 Aquatic Biology Section
 607 E. Peabody Drive
 Champaign, IL 61820

Ph.D. University of Michigan 1950
 Phone (217) 333-6889

Organisms Worked With: 11 12
 Systematic Techniques:
 Ecological Interests: 38 40 42
 46 50 63
 Geographical Areas: Vermilion County, Illinois

Organism Specialties: Centrarchidae

Ecological Expertise: warmwater stream communities

#211

Dr. Ronald P. Larkin

Assistant Wildlife Ecologist
 Illinois Natural History Survey
 Section of Wildlife Research
 607 E. Peabody Drive
 Champaign, IL 61820

Ph.D. Rockefeller University 1973
 Phone (217) 333-7513

Organisms Worked With: 9 12

Systematic Techniques:

Ecological Interests: 42 43

46 52 57 66

Geographical Areas: Champaign County, Illinois; Marquette County,
 Michigan

Organism Specialties:

Ecological Expertise: avian migration, flocking, orientation,
 energetics, roosting, flight, homing and communication; insect flight and
 dispersal; small-scale motions of the lower atmosphere

#212

Dr. Ingemar W. Larson

Professor
 Augustana College
 Biology Department
 Rock Island, IL 61201

Ph.D. Kansas State University 1964
 Phone (309) 794-7361

Organisms Worked With: 12 15

Systematic Techniques: 27 28

Ecological Interests:

Geographical Areas: Rock Island County, Illinois

Organism Specialties: insects

Ecological Expertise:

#213

Dr. George V. Lauder

Assistant Professor
 University of Chicago
 Department of Anatomy
 1025 E. 57th Street
 Chicago, IL 60637

Ph.D. Harvard University 1979
 Phone (312) 962-8090

Organisms Worked With: 10 11

Systematic Techniques: 20 23 27

Ecological Interests:

Geographical Areas: northern Illinois

Organism Specialties: Centrarchidae, Amiidae, Lepisosteidae

Ecological Expertise:

#214

Dr. Richard Lee Leary

Curator
 Illinois State Museum
 Geology Department
 Spring and Edwards
 Springfield, IL 62706

Ph.D. University of Illinois 1980
 Phone (217) 782-6633

Organisms Worked With: 19

Systematic Techniques: 21 27 28

Ecological Interests:

51

Geographical Areas: western Illinois; Illinois and adjacent states

Organism Specialties: "Coal Age" plant fossils - early Pennsylvanian
 "upland"

Ecological Expertise: paleobotany of early Pennsylvanian "uplands"

#215

Dr. Kwok W. Lee

Associate Professor
 George Williams College
 Division of Natural & Health Sciences
 555 31st Street
 Downers Grove, IL 60515

Ph.D. University of Texas-Austin 1973
 Phone (312) 964-3100

Organisms Worked With: 7

Systematic Techniques: 24 27 28 31

Ecological Interests: 34 35 36 37 38 39 40 42

63

Geographical Areas: Lake County (Volo Bog) and DuPage County, Illinois

Organism Specialties: Chlorophycean, Xanthophycean and Eustigmatophycean
 microalgae in soil and freshwater

Ecological Expertise: algal ecology of soil and freshwater ecosystems

#216

Dr. Bruce F. Leon

Assistant Professor
 University of Illinois
 Department of Landscape Architecture
 1301 W. Gregory Drive
 Urbana, IL 61801

Ph.D. Princeton University 1979
 Phone (217) 333-3612

Organisms Worked With: 1 2 11 12 13

Systematic Techniques:

Ecological Interests: 35 36 37 38 40 41 42 43 44 45

50 54 57 59 61 65

Geographical Areas: Champaign, Piatt and Macon Counties, Illinois;
 coastal areas of Connecticut, Maryland, Delaware and New Jersey

Organism Specialties:

Ecological Expertise: salt marsh ecology; ecology of hedgerows; tree
 shape; root interactions; reclamation of disturbed lands; land use effects
 on water quality

#217

Dr. Domingo D. J. Leonida

District Director O.W.C.P.E.S.A.
University of Illinois at Chicago
College of Medicine
817 S. Wolcott Ave., 385 Old Gen. Hosp.
Chicago, IL 60680

M.Ph. University of Michigan 1962

Phone (312) 886-5000

Organisms Worked With: 8 12 14 16 18 19

Systematic Techniques: 27 32 33

Ecological Interests: 35 36 37 39 41 42 45
46 48 50 53 57 64 66

Geographical Areas: Logan, Mason, Tazewell and Cook Counties, Illinois

Organism Specialties: RNA viruses, DNA viruses; Chlamydia; bacteria, enterobacteria; amoebae, Entamoeba histolytica, E. Coli; Flagellates: Giardia, Trichomonas; Ciliates; Nematodes; Cestodes; Arachnida
Ecological Expertise: microbiologic pathologic processes in man as promoted/inhibited by environmental factors; toxicologic aspects of environmental assessment

#218

Dr. James B. Levenson

Ecologist
Argonne National Laboratory
Energy & Environmental Systems Division
9700 S. Cass Ave.
Argonne, IL 60439

Ph.D. University of Wisconsin-Milwaukee 1976

Phone (312) 972-7476

Organisms Worked With: 1 2 3

Systematic Techniques:

Ecological Interests: 35 36 41 42 43
47 50 52 54 61 62

Geographical Areas: Illinois, Midwest states

Organism Specialties:

Ecological Expertise: forest communities, biogeography, natural areas

#219

Dr. Eli Levine

Assistant Professor
Illinois Natural History Survey
Section of Economic Entomology
607 E. Peabody Drive
Champaign, IL 61820

Ph.D. Ohio State University 1977

Phone (217) 333-6826

Organisms Worked With: 12

Systematic Techniques: 31

Ecological Interests: 34 35 36 40 41 44 45
46 48 50 55 57 58 60 62 64

Geographical Areas: Mason and Carroll Counties, northwestern Illinois

Organism Specialties: Lepidoptera - Noctuidae

Ecological Expertise: insect ecology, insect-plant interactions, insect population dynamics

#220

Dr. Norman D. Levine

Professor
University of Illinois
College of Veterinary Medicine
Urbana, IL 61801

Ph.D. Univ. of California-Berkeley 1937

Phone (217) 333-2766

Organisms Worked With: 18

Systematic Techniques: 20 27 28

Ecological Interests:

Geographical Areas: worldwide

Organism Specialties: Protozoa - Apicomplexa

Ecological Expertise:

#221

Mr. Randall B. Lewis

Associate Biologist
Ecological Analysts, Inc.
612 Anthony Trail
Northbrook, IL 60062

B.A. Blackburn College 1969

Phone (312) 564-3040

Organisms Worked With: 12 13 15

Systematic Techniques: 21 27

Ecological Interests: 38 41 42 43
47 50

Geographical Areas: Mississippi River, especially Pool 14

Organism Specialties: Pelecypoda - Unionidae; Ephemeroptera; Trichoptera

Ecological Expertise: effects of power plants on benthic macroinvertebrates

#222

Dr. William M. Lewis

Visiting Professor
Southern Illinois University
Fisheries Research Laboratory
Carbondale, IL 62901

Ph.D. Iowa State University 1949

Phone (618) 536-7761

Organisms Worked With: 11

Systematic Techniques:

Ecological Interests: 37 38 39 40 41 43 44
50 56

Geographical Areas: Illinois and North Carolina

Organism Specialties:

Ecological Expertise: production of fish in controlled environments; effects of temperature on fish communities

#223

Dr. Khian K. Liem

Director
The South Cook County
Mosquito Abatement District
155th and Dixie Highway
Harvey, IL 60426

Ph.D. University of Illinois 1974

Phone (312) 333-4120

Organisms Worked With: 12

Systematic Techniques: 20 27

Ecological Interests: 34 35 36 37 38 39 40 41 42 43 44 45

Geographical Areas: Cook County, Illinois

Organism Specialties: Diptera - Culicidae - Aedes, Culex, Anopheles,
Culiseta, Psorophora, Coquillettia (Mansonia), Orthopodomyia and
Uranotaenia

Ecological Expertise: insect ecology; mosquito bionomics and control;
toxicology of insecticides

#224

Dr. Richard Lee Lindroth

Assistant Professor
University of Wisconsin
Dept. of Entomology
237 Russell Laboratories, 1630 Linden Drive
Madison, WI 53706

Ph.D. University of Illinois-U.C. 1984

Phone (608) 263-6277

Organisms Worked With: 1 8

Systematic Techniques:

Ecological Interests: 34 40 42 43
48 52 57 58 64

Geographical Areas: Champaign County, Illinois

Organism Specialties:

Ecological Expertise: nutritional ecology and population dynamics of
microtine rodents; chemistry and toxicology of plant secondary metabolites

#225

Dr. Nicanor Javier Liquido

Post-doctoral Fellow
Illinois Natural History Survey
Section of Economic Entomology
607 E. Peabody Drive
Champaign, IL 61820

Ph.D. University of Hawaii 1982

Phone (217) 333-8091

Organisms Worked With: 12

Systematic Techniques:

Ecological Interests: 34 40 41 43
46 57

Geographical Areas: Champaign, Jackson, Pope, Adams, Franklin, Warren
and St. Clair Counties, Illinois

Organism Specialties:

Ecological Expertise: predator-prey interactions, statistical ecology,
insect dispersion, insect movement and dispersal, insect demography and
life table analysis

#226

Mr. Kenneth L. Litchfield

Resources Planner
Illinois Department of Conservation
524 S. 2nd Street
Springfield, IL 62706

M.S. Illinois State University 1983

Phone (217) 782-4543

Organisms Worked With: 1 7

Systematic Techniques:

Ecological Interests: 35 36 42
50 60

Geographical Areas: Illinois, especially the Mackinaw River

Organism Specialties: Bacillariophyceae (Diatoms)

Ecological Expertise: aquatic and terrestrial diatom communities

#227

Dr. Richard Eric Lombard

Associate Professor
University of Chicago
Department of Anatomy
1025 E. 57th Street
Chicago, IL 60637

Ph.D. University of Chicago 1971

Phone (312) 962-8091

Organisms Worked With: 10

Systematic Techniques: 20 23 25 27 30 33

Ecological Interests:

Geographical Areas:

Organism Specialties: fossil amphibians, primarily Temnospondyli;
recent amphibian orders Anura and Urodela, primarily Plethodontidae
Ecological Expertise:

#228

Mr. Alvin C. Lopinot

Aquatic Biologist

45 Northcrest Drive
Litchfield, IL 62056

M.A. Southern Illinois University 1950

Phone (217) 324-3386

Organisms Worked With: 1 7 11 15

Systematic Techniques:

Ecological Interests: 37 38 39 45
52 62

Geographical Areas:

Organism Specialties:

Ecological Expertise: fisheries biology; freshwater mussels; aquatic
plants

#229

Dr. Kenneth S. Lubinski
 Assistant Professional Scientist
 Illinois Natural History Survey
 Pool 26 - River Research Lab
 RR 1 Box 221
 Grafton, IL 62037

Ph.D. Virginia Tech 1979
 Phone (618) 786-3317

Organisms Worked With: 1 11 15

Systematic Techniques: 21 27

Ecological Interests: 37 38 39 40 41 42 43
46 48 50 55 58 62 64

Geographical Areas: Illinois and Mississippi Rivers and floodplains

Organism Specialties:

Ecological Expertise:

#230

Dr. Daniel Robert Ludwig
 Wildlife Biologist
 Forest Preserve District DuPage Co.
 Natural Resources Department
 P. O. Box 2339
 Glen Ellyn, IL 60138

Ph.D. University of Calgary 1981
 Phone (312) 790-4900 Ext. 283

Organisms Worked With: 8 9 10

Systematic Techniques:

Ecological Interests: 34 35 40 41 42 43 45
46 48 50 51 52 58 62

Geographical Areas: DuPage County, Illinois; New Jersey; alpine and subalpine areas of Alberta, Canada

Organism Specialties:

Ecological Expertise: animal population biology

#231

Mr. Randall W. Lundgren

815 South Fell Ave.
 Normal, IL 61761

Phone (309) 452-9656

Organisms Worked With: 12

Systematic Techniques: 28

Ecological Interests: 34 35 40 42
46 48 51 66

Geographical Areas: McLean County, Illinois

Organism Specialties: Coleoptera - Staphylinidae

Ecological Expertise: habitat requirements of the Staphylinidae

#232

Dr. John F. Lussenhop
 Associate Professor
 University of Illinois
 Department of Biological Sciences
 Box 4348
 Chicago, IL 60680

Ph.D. University of Wisconsin 1971
 Phone (312) 996-4557

Organisms Worked With: 5 12 19

Systematic Techniques:

Ecological Interests: 36 40 41 42 43 45
66

Geographical Areas:

Organism Specialties: Collembola, Acarina

Ecological Expertise: soil biology

#233

Mr. Gary W. Lutterbie
 District Fisheries Biologist
 Illinois Department of Conservation
 Division of Fish & Wildlife
 506 E. 7th Street
 Gibson City, IL 60936

M.S. Univ. of Wisconsin-Stevens Point 1975

Phone (217) 784-4730

Organisms Worked With: 10 11

Systematic Techniques: 26 28 31

Ecological Interests: 37 38 39
46 48 52 62 65 66

Geographical Areas: Vermilion, Champaign, Piatt, DeWitt, Ford, Livingston, Iroquois and McLean Counties, Illinois

Organism Specialties: fishes: Centrarchidae, Syprinidae, Esocidae, Ictaluridae, Percidae, Percichthyidae and Salmonidae; amphibians and reptiles

Ecological Expertise: population dynamics, age and growth of fishes; field censusing and management of fish populations; treatment of aquatic vegetation

#234

Dr. Michael Lynch
 Associate Professor
 University of Illinois
 Dept. of Ecology, Ethology & Evolution
 606 E. Healey Street
 Champaign, IL 61820

Phone (217) 333-0196

Organisms Worked With: 13

Systematic Techniques: 22 26 31

Ecological Interests:
48

Geographical Areas:

Organism Specialties: Cladocera - Daphnia

Ecological Expertise: ecological genetics; population biology; biology of parthenogenesis

#235

Dr. Te Hsiu Ma

Professor
Western Illinois University
Institute for Environmental Management
West Adams Street
Macomb, IL 61455

Ph.D. University of Virginia 1959
Phone (309) 298-1457

Organisms Worked With: 1 7 8 19

Systematic Techniques: 24 26

Ecological Interests: 41

50 64

Geographical Areas: McDonough, Peoria and Knox Counties, Illinois;
Qingdan, People's Republic of China

Organism Specialties: Commelinaceae - Tradescantia; Chlorophyceae -
Platymonas (Tetraselmis)

Ecological Expertise: effects of air and water pollutants on chromosomes
of Tradescantia, mouse and human lymphocytes; mutagenicity and
clastogenicity of chemicals and radioisotopes in plant and animal systems

#236

Ms. Carol J. Mahan

Mammal Ecologist
Illinois Department of Conservation
Div. Forest Resources & Nat. Heritage
524 S. 2nd Street
Springfield, IL 62706

M.S. University of Nebraska 1978
Phone (217) 785-8774

Organisms Worked With: 8

Systematic Techniques:

Ecological Interests: 34 35 41 42 43 44 45

50 52 58 62

Geographical Areas: Illinois

Organism Specialties:

Ecological Expertise: bat and cave conservation and management

#237

Dr. Terrence G. Marsh

Professor
North Central College
Department of Biology
30 N. Brainard
Naperville, IL 60566

Ph.D. University of Kentucky 1969
Phone (312) 420-3489

Organisms Worked With: 1 12

Systematic Techniques: 20 28

Ecological Interests: 34 35 36 37 38 39 40 41 42 43

47 49 50 52 55 58 59 63

Geographical Areas: DuPage and Will Counties, Illinois; Arizona

Organism Specialties: Coleoptera - Curabidae, Zoraptera

Ecological Expertise: cave beetle ecology; environmental assessment
for vegetation and freshwater invertebrates

#238

Mr. Raymond W. Marshalla

District Wildlife Manager
Illinois Department of Conservation
Division Fish & Wildlife Resources
30550 S. Boathouse Road
Wilmington, IL 60481

M.A. So. Illinois Univ.-Carbondale 1977
Phone (815) 476-7622

Organisms Worked With: 1 8 9

Systematic Techniques:

Ecological Interests: 36 39

52 62

Geographical Areas: Will, Kane, Kankakee, Grundy and Kendall Counties,
Illinois

Organism Specialties: game birds and mammals, furbearers

Ecological Expertise: habitat management for game and nongame birds and
mammals

#239

Mr. Hymen Marx

Curator
Field Museum of Natural History
Division of Amphibians & Reptiles
Roosevelt Road at Lake Shore Drive
Chicago, IL 60605

B.S. Roosevelt University 1949
Phone (312) 922-9410

Organisms Worked With: 10

Systematic Techniques: 20 21 23 27 28 30

Ecological Interests:

Geographical Areas: northeast Africa and southwest Asia

Organism Specialties: snakes

Ecological Expertise:

#240

Dr. Bill J. Mathis

Professor and Chairman
Bradley University
Department of Biology
1501 W. Bradley Avenue
Peoria, IL 61625

Ph.D. Oklahoma State University 1965
Phone (309) 676-7611

Organisms Worked With: 11 12

Systematic Techniques: 21

Ecological Interests: 37 38 39 41 42 43 44

50 56 58 63

Geographical Areas: central and southern Illinois, especially Peoria
County

Organism Specialties:

Ecological Expertise: primary productivity; lake restoration; stream
pollution, heavy metals in aquatic ecosystems

#241

Mr. Wallace O. Matsunaga

Aquatic Biologist

Illinois E.P.A.

Division of Water Pollution Control

1701 First Avenue, #600

Maywood, IL 60153

B.A. University of Hawaii 1967

Phone (312) 345-9780

Organisms Worked With: 12 13 15 16

Systematic Techniques: 20 21 27 28

Ecological Interests: 38 39 41 42 43

47 48 50

Geographical Areas: northern Illinois

Organism Specialties: Ephemeroptera, Plecoptera and Trichoptera (aquatic stages)

Ecological Expertise: effects of pollutional discharges on aquatic macroinvertebrate communities

#242

Dr. Linda R. Maxson

Associate Professor & Curator

University of Illinois

Dept. of Genetics & Development

515 Morrill Hall, 505 S. Goodwin Avenue

Urbana, IL 61801

Ph.D. University of California 1973

Phone (217) 333-3358

Organisms Worked With: 8 10

Systematic Techniques: 21 22 23 32

Ecological Interests:

51

Geographical Areas: worldwide

Organism Specialties: Hylidae, Leptodactylidae, Dendrobatidae, Myobatrachidae, Cricetidae, Bufonidae and Caudata

Ecological Expertise:

#243

Mr. William E. McClain

District Heritage Biologist

Illinois Department of Conservation

Div. Forest Resources & Natural Heritage

600 N. Grand West

Springfield, IL 62706

M.A. Miami University-Ohio 1969

Phone (217) 782-2361

Organisms Worked With: 1 3 6

Systematic Techniques: 21 27 28

Ecological Interests: 35 36 42 44 45

52 61 62 63 65

Geographical Areas: central Illinois, especially Jersey, Mason, Vermilion and Shelby Counties

Organism Specialties:

Ecological Expertise: management of natural ecosystems and establishment of artificial grasslands; natural and re-established prairies

#244

Mr. John Mark McCleary

Biology Teacher

Proviso West High School

Science Department

4701 W. Harrison Street

Hillside, IL 60162

M.S. Temple University 1969

Phone (312) 449-6400

Organisms Worked With: 5

Systematic Techniques: 27 28

Ecological Interests: 42

52

Geographical Areas: Cook and DuPage Counties, Illinois

Organism Specialties: Myxomycetes

Ecological Expertise:

#245

Mr. Milton Earl McGiffen, Jr.

Assistant Supportive Scientist

Illinois Natural History Survey

Section of Economic Entomology

607 E. Peabody Dr.

Champaign, IL 61820

M.S. North Carolina State University 1984

Phone (217) 333-6823

Organisms Worked With: 1 5 12 18

Systematic Techniques:

Ecological Interests: 34 35 41 44 45

46 48 50 52 55 57 58 65

Geographical Areas: Illinois; southeastern states

Organism Specialties:

Ecological Expertise: insect ecology, physiological ecology, population models, insect population sampling, host plant chemistry, application of ecological techniques to pest management

#246

Mr. Bill N. McKnight

Junior Supportive Scientist

Illinois Natural History Survey

Section of Botany & Plant Pathology

607 E. Peabody Drive

Champaign, IL 61820

M.S. Eastern Illinois University 1980

Phone (217) 333-6827

Organisms Worked With: 1 2 3 4 6

Systematic Techniques: 21 27

Ecological Interests: 35 37 40 42

47 50

Geographical Areas: Illinois, Indiana

Organism Specialties: Bryophyta; endangered and threatened plants

Ecological Expertise: natural areas, relic communities

#247

Dr. J. E. McPherson

Professor
Southern Illinois University
Department of Zoology
Carbondale, IL 62901

Ph.D. Michigan State University 1968
Phone (618) 536-2314

Organisms Worked With: 12
Systematic Techniques: 20 21 23 27 28 31
Ecological Interests: 34 35 37 38 40 42 43
46 48 51 58
Geographical Areas: Jackson and Union Counties, Illinois
Organism Specialties: Pentatomoidea

Ecological Expertise: life history studies

#248

Mr. Jeffery L. Mengler

Graduate Student
Northern Illinois University
Department of Biological Sciences
De Kalb, IL 60115-2854

B.S. Northern Illinois University 1982
Phone (815) 753-0433

Organisms Worked With: 1 7 9
Systematic Techniques:
Ecological Interests: 35 40 43
47 52 58 59 60 63 65
Geographical Areas: DeKalb and Ogle Counties, Illinois
Organism Specialties:

Ecological Expertise:

#249

Mr. Kenneth Gene Mensing

Regional Manager
Illinois E.P.A.
Land Pollution Control
117 W. Main Street
Collinsville, IL 62234

Phone (618) 345-4606

Organisms Worked With: 8 11
Systematic Techniques:
Ecological Interests: 41 43
50
Geographical Areas: southern Illinois

Organism Specialties:
Ecological Expertise: effect and relationship of waste management activities on the environment and man

#250

Mr. Dennis A. Meritt Jr

Assistant Director
Lincoln Park Zoological Gardens
2200 N. Cannon Drive
Chicago, IL 60614

M.A. Northeastern Illinois University 1974
Phone (312) 294-4660

Organisms Worked With: 1 3 8 9 10
Systematic Techniques: 20 21 24 26 28 31
Ecological Interests: 34 35 36 40 42 43 45
46 51 52 58 62
Geographical Areas: Panama, Columbia, Paraguay, Uruguay and Argentina
Organism Specialties: Rodentia, Primata, Edentata, Marsupialia, Caprimugiformes, Testudinidae, Emydidae and Crocodilia
Ecological Expertise: tropical forest, neotropics

#251

Dr. David Byron Mertz

Professor
University of Illinois at Chicago
Department of Biological Sciences
Box 4348
Chicago, IL 60680

Ph.D. University of Chicago 1965
Phone (312) 996-5437

Organisms Worked With: 12
Systematic Techniques:
Ecological Interests: 34 40 44
46 48 51 55
Geographical Areas:

Organism Specialties: Coleoptera - Tenebrionidae - Tribolium

Ecological Expertise: population ecology and population genetics of Tribolium; life history theory

#252

Dr. Peter L. Meserve

Associate Professor
Northern Illinois University
Department of Biological Sciences
De Kalb, IL 60115

Ph.D. University of California-Irvine 1972
Phone (815) 753-0433

Organisms Worked With: 8
Systematic Techniques: 21 27 28
Ecological Interests: 34 35 40 42 45
46 48 52 58
Geographical Areas: Grundy and DeKalb Counties, northwest Illinois; Chile
Organism Specialties:

Ecological Expertise: small mammal population dynamics, interspecific interactions, plant-herbivore interactions, zoogeography of South American mammals

#253

Dr. Helen Judith Michaels

Research Associate
Wayne State University
Department of Biological Sciences

Detroit, MI 48201

Ph.D. University of Illinois-U.C. 1985
Phone (313) 973-1523

Organisms Worked With: 1

Systematic Techniques: 21 26 31

Ecological Interests: 34 35 40 42 43
48 51 57 58 59 61 63 65

Geographical Areas: Piatt, Champaign and Vermilion Counties, Illinois

Organism Specialties: Asteraceae (Inuleae)

Ecological Expertise: plant breeding systems, reproductive biology
evolutionary ecology

#254

Dr. Raymond Michael Miller

Microbial Ecologist
Argonne National Laboratory
Environmental Research Division
Argonne, IL 60439

Ph.D. Illinois State University 1975
Phone (312) 972-3395

Organisms Worked With: 1 5

Systematic Techniques:

Ecological Interests: 35 36 40 42 43
54 56 60 61 63

Geographical Areas: semi-arid regions of the U.S.A.

Organism Specialties:

Ecological Expertise: ecology of mycorrhizae; disturbed ecosystems;
edaphic factors and plant distribution; nutrient cycling

#255

Mr. William S. Modi

Graduate Assistant
University of Illinois
Dept. of Ecology, Ethology & Evolution
515 Morrill Hall, 505 S. Goodwin Avenue
Urbana, IL 61801

M.S. Texas A & M University 1978
Phone (217) 333-4688

Organisms Worked With: 8

Systematic Techniques: 20 21 23 24 26 30 31

Ecological Interests: 34
48

Geographical Areas:

Organism Specialties: Rodentia - Cricetidae - Microtinae - Microtus,
Peromyscus

Ecological Expertise: rodent life history analyses

#256

Dr. Robert H. Mohlenbrock

Professor
Southern Illinois University
Department of Botany
Carbondale, IL 62901

Ph.D. Washington Univ.-St. Louis 1957
Phone (618) 536-2331 Ext. 27

Organisms Worked With: 1 2 3 7

Systematic Techniques: 27 28

Ecological Interests: 35 38 40 42

Geographical Areas: Illinois; National Forests throughout the U.S.A.

Organism Specialties: Fabaceae, Poaceae, Cyperaceae

Ecological Expertise: community ecology

#257

Dr. Edward O. Moll

Professor
Eastern Illinois University
Department of Zoology
Charleston, IL 61920

Ph.D. University of Utah 1968
Phone (217) 345-7142

Organisms Worked With: 10

Systematic Techniques: 20 21 23 30 31

Ecological Interests: 34 37 40 41 42 43
48 50 51 52

Geographical Areas: Illinois River and Mississippi River; Malaysia,
India; Mexico and Panama

Organism Specialties: Testudines

Ecological Expertise: autecology, aquatic ecology, wildlife management,
conservation of endangered species

#258

Dr. Herbert L. Monoson

Professor
Bradley University
Department of Biology
Peoria, IL 61625

Ph.D. University of Illinois 1967
Phone (309) 676-7611 Ext. 478

Organisms Worked With: 1 5 7

Systematic Techniques: 27 28

Ecological Interests:

Geographical Areas: Mason, Bureau, Putman and Peoria Counties,
Illinois

Organism Specialties: Moniliales - Moniliaceae - Arthrotrichs,
Dactylella, Harposporium, etc.

Ecological Expertise:

#259

Mr. Robbin C. Moran

Graduate Student
Illinois Natural History Survey
Section of Botany & Plant Pathology
607 E. Peabody Drive
Champaign, IL 61820

M.S. So. Illinois Univ.-Carbondale 1980
Phone (217) 333-6827

Organisms Worked With: 1 3
Systematic Techniques: 20 21 24 27 28
Ecological Interests:

Geographical Areas: eastern U.S.A., Latin America

Organism Specialties: ferns and allied plants

Ecological Expertise:

#260

Mr. Michael Donald Morin

Resource Planner II, Forester
Illinois Department of Conservation
Division of Planning
Lincoln Tower Plaza, 524 S. 2nd Street
Springfield, IL 62706

M.S. Southern Illinois University 1980
Phone (217) 782-4543

Organisms Worked With: 1
Systematic Techniques:
Ecological Interests: 35 36 42 43 45
47 50 56 58 59 60 61 62 63

Geographical Areas: Illinois

Organism Specialties:

Ecological Expertise: terrestrial ecology, forest habitat types and nutrient cycling; forest resource management; fish and wildlife computer database development

#261

Mr. Michael A. Morris

Graduate Assistant
Southern Illinois University
Department of Zoology
Carbondale, IL 62901

M.A. So. Illinois Univ.-Carbondale 1981
Phone (618) 536-2314

Organisms Worked With: 10
Systematic Techniques: 20 21 22 23 24 26 27 28 31
Ecological Interests:
48 51 52

Geographical Areas: Illinois; western Kentucky and Tennessee

Organism Specialties: Ambystomatidae - Colubridae - Ambystoma, Nerodia

Ecological Expertise: field census; demography/life history

#262

Mr. Robert G. Mosher

Biology Instructor
Belleville Area College
Granite City Center
RR 1 Box 187A
E. Carondelet, IL 62240

M.S. Eastern Illinois University 1979
Phone (618) 538-7282

Organisms Worked With: 10 11 12 13
Systematic Techniques: 27
Ecological Interests: 38 39 41 42 43
50 52 64

Geographical Areas: Monroe, St. Clair and Coles Counties, Illinois; St. Charles County, Missouri

Organism Specialties: fishes and aquatic macroinvertebrates

Ecological Expertise: environmental assessment of streams; relating toxicity of effluents to the community structure of fishes and macro-

#263

Mr. Steven R. Moylan

Aquatic Biologist
Lake County Health Department
Environmental Engineering Section
3010 Grand Avenue
Waukegan, IL 60085

M.S. Millersville State College 1979
Phone (312) 689-6740

Organisms Worked With: 1 7 11 13 19
Systematic Techniques: 27
Ecological Interests: 37 38 40 42
48 50 56 62

Geographical Areas: Lake County, Illinois; Marinette County, Wisconsin

Organism Specialties:

Ecological Expertise: natural lakes and rivers

#264

Mr. John C. Murphy

Biology Instructor & Chairman
Plainfield High School
Science Department
16351 S. Peerless Ct.
Plainfield, IL 60544

M.A. Governors State University 1974
Phone (815) 436-8167

Organisms Worked With: 10
Systematic Techniques: 20 21 27 28 31
Ecological Interests: 34 35 37 38 40 42 43
46 50 51 52

Geographical Areas: Illinois; eastern U.S.A.; Trinidad and Tobago (West Indies)

Organism Specialties: Reptilia - Squamata - Coybridae, Crotalidae
Amphibia - Anura - Hylidae - Hyla, Pseudacris

Ecological Expertise: behavioral, geographical and community ecology

#265

Dr. Donal G. Myer

Professor and Dean
Southern Illinois University
Department of Biological Sciences
Edwardsville, IL 62026

Ph.D. Ohio State University 1958
Phone (618) 692-3170

Organisms Worked With: 16

Systematic Techniques: 20 28 33

Ecological Interests: 37 38 39 40 42
48 50

Geographical Areas: southwestern Illinois; U.S.A.

Organism Specialties: helminths of fishes

Ecological Expertise: life histories of digenetic trematodes

#266

Dr. Charles F. Nadler

Associate Professor
Northwestern University
Department of Medicine
303 E. Chicago Avenue
Chicago, IL 60611

M.D. Northwestern University 1955
Phone (312) 649-8095

Organisms Worked With: 8

Systematic Techniques: 22 24 32

Ecological Interests:
51

Geographical Areas: northern states (including Alaska); Canada;
U.S.S.R.

Organism Specialties: Rodentia - Sciuridae, Microtinae;

Bovidae - Caprinae

Ecological Expertise:

#267

Dr. Virginia L. Naples

Assistant Professor
Northern Illinois University
Department of Biological Sciences
De Kalb, IL 60115

Ph.D. University Massachusetts 1980
Phone (815) 753-0433

Organisms Worked With: 8

Systematic Techniques: 20 21 23 27 28 33

Ecological Interests:
46 51

Geographical Areas: Central America and South America, especially
Panama and Venezuela; Australia

Organism Specialties: Mammalia - Monotremata, Xenarthra

Ecological Expertise: relations of xenarthrans to their tropical
environment

#268

Dr. Michael Nee

Visiting Assistant Curator
Field Museum of Natural History
Botany Department
Roosevelt Road at Lake Shore Drive
Chicago, IL 60605

Ph.D. University of Wisconsin-Madison 1979
Phone (312) 922-9410 Ext. 229

Organisms Worked With: 1 2 3 4

Systematic Techniques: 21 27 28

Ecological Interests: 36 40
47 50 52

Geographical Areas: Wisconsin; Veracruz, Mexico

Organism Specialties: Solanaceae, Ulmaceae, Salicaceae, Verbenaceae,
Cucurbitaceae, Amaranthaceae and Molluginaceae

Ecological Expertise: evaluation and preservation of natural areas

#269

Dr. R. Dan Neely

Plant Pathologist
Illinois Natural History Survey
Section of Botany & Plant Pathology
607 E. Peabody Drive
Champaign, IL 61820

Ph.D. University of Missouri 1957
Phone (217) 333-6886

Organisms Worked With: 1 5

Systematic Techniques: 27 28

Ecological Interests: 36 40 44
59 60

Geographical Areas: Illinois

Organism Specialties: Ulmus, Quercus, Platanus, Malus, Crataegus,
Juglans

Ecological Expertise: amenity tree and shrub diseases

#270

Ms. Deborah A. Neher

Graduate Student
University of Illinois
Department of Plant Biology
289 Morrill Hall, 505 S. Goodwin Avenue
Urbana, IL 61801

B.S. McPherson College, Kansas 1984
Phone (217) 333-1298

Organisms Worked With: 1 7 12

Systematic Techniques: 21 33

Ecological Interests: 34 35 36 39 40 41 42 43
49 50 51 55 56 57 59 60 63 64

Geographical Areas:

Organism Specialties: Helianthus annuus

Ecological Expertise:

#271

Mr. Harry G. Nelson

Professor
Roosevelt University
Department of Biology
430 S. Michigan Avenue
Chicago, IL 60605

B.S. University of Chicago 1945

Phone (312)341-3681

Organisms Worked With: 12

Systematic Techniques: 20 21 23 25 27 28 31 33

Ecological Interests: 37 40 42

51 52 57

Geographical Areas: Illinois; northeast North America; worldwide

Organism Specialties: Coleoptera - Dryopoidea - Dryopidae, Psephenidae, Elmidae

Ecological Expertise: stream biology

#272

Dr. Lorin I. Nevling, Jr.

Director
Field Museum of Natural History
Administration
Roosevelt Road at Lake Shore Drive
Chicago, IL 60605

Ph.D. Washington University 1959

Phone (312)922-9410

Organisms Worked With: 1

Systematic Techniques: 20 21 24 27 28 29 30 31

Ecological Interests: 36 40 41

52 58

Geographical Areas: Veracruz, Mexico

Organism Specialties: New World Thymelaeaceae

Ecological Expertise:

#273

Dr. Daniel L. Nickrent

Asst. Professor & Dir. of Herbarium
University of Illinois
Department of Plant Biology
289 Morrill Hall, 505 S. Goodwin Avenue
Urbana, IL 61801

Ph.D. Miami University-Oxford, Ohio 1984

Phone (217)333-1519

Organisms Worked With: 1 2

Systematic Techniques: 20 22 27 28 30 31

Ecological Interests:

Geographical Areas: western U.S.A., Mexico

Organism Specialties: Viscaceae (Loranthaceae) - Arceuthobium spp.

Ecological Expertise:

#274

Mr. Leo G. Nico

Fishery Biologist
U.S. Army Corps of Engineers
Environmental Analysis Branch
215 Central Avenue
Collinsville, IL 62234

M.S. 1982

Organisms Worked With: 9 11

Systematic Techniques:

Ecological Interests: 37 38 40 42

46 48 50 52 57

Geographical Areas: Madison County and Kaskaskia River, southwest Illinois; West Orinoco River basin, Venezuela

Organism Specialties: Cyprinodonts, Gymnotiformes, Serrasalminae

Ecological Expertise: tropical freshwater fish ecology; environmental assessment; avian surveys

#275

Dr. P. James Nielsen

Professor
Western Illinois University
Department of Biology
Macomb, IL 61455

Ph.D. University of Nebraska 1968

Phone (309)298-1483

Organisms Worked With: 18

Systematic Techniques: 22 27

Ecological Interests: 37 38 40 41 45

63

Geographical Areas: McDonough County, Illinois

Organism Specialties: ciliates

Ecological Expertise: freshwater protozoa, protozoa of activated sludge, regulation of sewage plants

#276

Mr. H. C. Nilsen

Assistant Professor
Eastern Illinois University
Department of Zoology
Life Science Building
Charleston, IL 61920

M.S. University of Illinois 1968

Phone (217)581-2926

Organisms Worked With: 1 10 11 12 13 15 16 18

Systematic Techniques: 20 27

Ecological Interests: 37 38 39 41 42 45

50 52 56 58 59 63

Geographical Areas: Coles County, Illinois

Organism Specialties:

Ecological Expertise: aquatic ecosystems with emphasis on benthic and periphytic habitats

#277

Dr. Matthew H. Nitecki
Curator
Field Museum of Natural History
Department of Geology
Roosevelt Road at Lake Shore Drive
Chicago, IL 60605

Ph.D. University of Chicago 1968
Phone (312) 922-9410

Organisms Worked With: 7 19
Systematic Techniques: 20 21 27 28 33
Ecological Interests: 38 39 40 42
47 51

Geographical Areas: North America, Europe, Asia and Australia

Organism Specialties: Receptaculitales, Radiocyatales and Cyclocrinales

Ecological Expertise: paleoecology

#278

Mr. Charles M. Nixon
Wildlife Ecologist
Illinois Natural History Survey
Section of Wildlife Research
607 E. Peabody Drive
Champaign, IL 61820

M.S. Pennsylvania State University 1959
Phone (217) 333-6856

Organisms Worked With: 8
Systematic Techniques:
Ecological Interests: 34 42 43
46 48 52 58 62

Geographical Areas: east central Illinois, especially Piatt, Champaign and Vermilion Counties

Organism Specialties: Mammalia - Cervidae, Sciuridae

Ecological Expertise: demographic/life history studies of tree squirrels and white-tailed deer

#279

Mr. Randy W. Nyboer
District Biologist
Illinois Department of Conservation
Div. Forest Resources & Natural Heritage
2612 Locust Street
Sterling, IL 61081

M.S. Eastern Illinois University 1975
Phone (815) 625-2968

Organisms Worked With: 1 2 3 4 8 9 10
Systematic Techniques: 21 22 26 31
Ecological Interests: 34 35 36 40 42 43 45
47 50 52 58 59 60 61 62 63 64 65 66

Geographical Areas: northern and western Illinois; Missouri; Iowa

Organism Specialties: Asteraceae; lichens (foliose, fruticose and squamulose)

Ecological Expertise: natural areas and land assessment; natural community management and classification, field surveys and census; prairies, forest types; small mammal ecology; lead (Pb) contamination

#280

Dr. Larrance Michael O'Flaherty
Professor
Western Illinois University
Department of Biological Sciences
Macomb, IL 61455

Ph.D. Oregon State University 1968
Phone (309) 298-1487

Organisms Worked With: 4 7
Systematic Techniques: 20 21 27 28
Ecological Interests: 37 38 39 40 41 42 43 44
50 58 63 64

Geographical Areas: west central Illinois

Organism Specialties: freshwater algae; bryophytes

Ecological Expertise: phytoplankton ecology

#281

Steve Packard
Field Representative
The Nature Conservancy
79 W. Monroe
Chicago, IL 60603

Phone (312) 346-8166

Organisms Worked With: 1
Systematic Techniques: 21
Ecological Interests: 34 35 36 40 41 42 45
54 58 59 60 61 63 65

Geographical Areas: northeastern Illinois

Organism Specialties:

Ecological Expertise: management, restoration and population monitoring of prairies and fens

#282

Dr. Lawrence M. Page
Ichthyologist
Illinois Natural History Survey
Section of Faunistic Surveys
607 E. Peabody Drive
Champaign, IL 61820

Ph.D. University of Illinois 1972
Phone (217) 333-6847

Organisms Worked With: 11 13
Systematic Techniques: 21 22 23 27 28 30 31
Ecological Interests: 37 40 42 43
46 48 51

Geographical Areas: North America

Organism Specialties: Percidae, Cyprinidae and Camaridae

Ecological Expertise: life histories; natural areas; evolutionary ecology

#283

Mr. Ronald J. Panzer

Naturalist
Northeastern Illinois University
Department of Biology
5500 N. St. Louis Avenue
Chicago, IL 60626

B.S. Northeastern Illinois University 1980
Phone (312) 583-4050

Organisms Worked With: 1 12
Systematic Techniques: 21
Ecological Interests: 35 40 41 42
47 48 50 52 58
Geographical Areas: northeastern Illinois

Organism Specialties:

Ecological Expertise: prairie management; prairie insect communities
prairie plant communities

#284

Dr. Thomas Park

Professor Emeritus
University of Chicago
Department of Biology
1103 E. 57th Street
Chicago, IL 60637

Ph.D. University of Chicago 1932
Phone (312) 643-4299

Organisms Worked With: 12
Systematic Techniques:
Ecological Interests: 34 43 45
48 55
Geographical Areas:

Organism Specialties:

Ecological Expertise: population ecology; laboratory studies of
competition

#285

Dr. Pamela J. Parker

Conservation Biologist
Chicago Zoological Society
Research Department
3300 Golf Road
Brookfield, IL 60513

Ph.D. Yale University 1974

Phone (312) 485-0263 Ext. 448

Organisms Worked With: 1 6 8
Systematic Techniques:
Ecological Interests: 34 35 36 40 41 43
46 47 48 50 51 52 55 56 57 58 59 60 61 62 63 65
Geographical Areas: Brookfield Conservation Park, Blanchetown,
South Australia
Organism Specialties: Macropodidae, Vombatidae, Lagomorpha, Carnivora;
Australian perennial arid zone woody plants, grasses and ephemerals,
and lichens
Ecological Expertise: wildlife ecology

#286

Dr. Judith A. Damery Parrish

Research Associate - Forestry
University of Illinois
Dept. of Plant Biology & Forestry
RR 1 Box 24
Blue Mound, IL 62513

Ph.D. University of Illinois 1978
Phone (217) 676-8341

Organisms Worked With: 1
Systematic Techniques: 31
Ecological Interests: 34 35 40 41 42 43 44
47 48 50 51 56 57 58 59 63 65
Geographical Areas: Ford, Champaign and Christian Counties, Illinois;
Comanche County, Oklahoma
Organism Specialties:

Ecological Expertise: competition; pollination biology; prairie ecology

#287

Dr. Bruce D. Patterson

Assistant Curator
Field Museum of Natural History
Division of Mammals
Roosevelt Road at Lake Shore Drive
Chicago, IL 60605-2496

Ph.D. New Mexico State University 1981
Phone (312) 922-9410 Ext. 227

Organisms Worked With: 8
Systematic Techniques: 20 21 28 30
Ecological Interests: 40 42
48 51
Geographical Areas: Colorado, New Mexico; Chile

Organism Specialties: Rodentia: Sciuridae - Eutamias; Geomyidae -
Thomomys; Cricetidae in South America
Ecological Expertise:

#288

Mr. Ray L. Pawley

Curator
Chicago Zoological Park
Herpetology Department
Brookfield, IL 60513

Phone (312) 485-0263

Organisms Worked With: 8 9 10
Systematic Techniques: 21 26 27 33
Ecological Interests: 34 41 42 44 45
46 51 53 56 57 58
Geographical Areas: Cook and DuPage Counties, Illinois; New Mexico,
South Dakota, Michigan and Georgia; Mexico; Dominican Republic;
Galapagos Islands
Organism Specialties: Reptilia and Amphibia
Ecological Expertise: zoological parks

#289

Mrs. Lisa Brooks Pendergast

Aquatic Ecologist
Woodhaven Association
P.O. Box 6
Sublette, IL 61367

M.S. Clarion State 1980
Phone (815) 849-5916

Organisms Worked With: 7 11 12

Systematic Techniques: 27

Ecological Interests: 39 43 45

62

Geographical Areas: Lee County, Illinois

Organism Specialties: Chironomidae

Ecological Expertise: lake management: weeds, sediments, fisheries,
chemistry and mosquito abatement

#290

Dr. Charles H. Perino

Chief, Natural Science
Illinois Dept. of Transportation
Bureau of Location and Environment
2300 S. Dirksen Parkway
Springfield, IL 62764

Ph.D. North Carolina State University 1978
Phone (217) 785-2943

Organisms Worked With: 1

Systematic Techniques: 27 28

Ecological Interests: 35 40 41 42 43

47 50 63

Geographical Areas: southwestern U.S.A.; Mexico

Organism Specialties: Caprifoliaceae - Lonicera; Asteraceae

Ecological Expertise: vegetation analysis and description

#291

Dr. Janice V. Perino

Manager and Ecotoxicologist
Illinois E.P.A.
Office of Chemical Safety
2200 Churchill Road
Springfield, IL 62706

Ph.D. North Carolina State University 1975
Phone (217) 785-0830

Organisms Worked With: 1

Systematic Techniques:

Ecological Interests: 34 41 43

64

Geographical Areas:

Organism Specialties:

Ecological Expertise: ecotoxicology; wetlands; endangered species;
community description; impact analysis

#292

Dr. Bruce W. Petersen

Assistant Professor
Southern Illinois University
Department of Zoology
Carbondale, IL 62901

Ph.D. University of Colorado 1968
Phone (618) 536-2314

Organisms Worked With: 1 12 14

Systematic Techniques:

Ecological Interests: 35 36 40 43

47 50 52 53 61

Geographical Areas: Jackson, Williamson and Union Counties, Illinois

Organism Specialties:

Ecological Expertise: pollination ecology; mimicry theory; terrestrial
microarthropods

#293

Dr. David P. Philipp

Associate Fisheries Geneticist
Illinois Natural History Survey
Section of Aquatic Biology
607 E. Peabody Drive
Champaign, IL 61820

Ph.D. University of Massachusetts 1976
Phone (217) 333-6897

Organisms Worked With: 11

Systematic Techniques: 20 22 25 26 31

Ecological Interests: 37 40 41 42 43 45

46 51 57

Geographical Areas: North America

Organism Specialties: Centrarchidae

Ecological Expertise: ecological genetics

#294

Dr. Tom L. Phillips

Professor & Head
University of Illinois
Department of Plant Biology
289 Morrill Hall, 505 S. Goodwin Avenue
Urbana, IL 61801

Ph.D. Washington University-St. Louis 1961
Phone (217) 333-0653

Organisms Worked With: 2 3

Systematic Techniques: 20 21 27 29

Ecological Interests: 35 36 40 41 42

51 63

Geographical Areas: fossil coal-swamp plants of eastern U.S.A.,
western Europe, Donetz (U.S.S.R.) and southwest China

Organism Specialties: fossil ferns - Coenopteridales, Marattiales;
fossil lycopods - Lepidodendrales

Ecological Expertise: Pennsylvanian-age paleotropical ecology, with
emphasis on reproductive biology and community ecology of vascular plants

#295

Dr. Ronald H. Pine

Professor

George Williams College

LERA

555 Thirty-first Street

Downers Grove, IL 60515-9960

Ph.D. Texas A & M University 1968

Phone (312) 964-3100 Ext. 356

Organisms Worked With: 8 9 10 11 12 13 14 15

Systematic Techniques: 20 21 27 28

Ecological Interests: 34 35 40 41 42 43

46 47 48 50 51 52 53 54 62 63

Geographical Areas: DuPage County, Illinois; West Indies, Mexico,
Central America and South America

Organism Specialties: bats, rodents, opossums

Ecological Expertise: environmental impact, faunal surveys, ecological
assessment; reproductive ecology, evolutionary ecology

#296

Dr. John J. Pizzimenti

Senior Ecologist

Harza Engineering Co.

Department of Environmental Sciences

150 S. Wacker Drive

Chicago, IL 60606

Ph.D. Kansas University 1974

Phone (312) 855-7000

Organisms Worked With: 8 9 10 11

Systematic Techniques: 21

Ecological Interests: 35 38 41 42 43 44 45

50 61 62

Geographical Areas: Illinois, western U.S.A.; Latin America

Organism Specialties: Rodentia

Ecological Expertise: human ecology, human impacts; water resources,
dams, reservoirs, hydroelectric energy development

#297

Dr. Roy E. Plotnick

Assistant Professor

University of Illinois at Chicago

Department of Geological Sciences

Box 4348

Chicago, IL 60680

Ph.D. University of Chicago 1983

Phone (312) 996-2111

Organisms Worked With: 13 14 19

Systematic Techniques: 21 23 30 33

Ecological Interests: 38 39 40 42

51 66

Geographical Areas: worldwide

Organism Specialties: fossil chelicerates, especially eurypterids and
xiphosurans; recent partunid crabs

Ecological Expertise: paleoecology, processes of decomposition

#298

Dr. Timothy Plowman

Associate Curator

Field Museum of Natural History

Botany Department

Roosevelt Road at Lake Shore Drive

Chicago, IL 60605-2496

Ph.D. Harvard University 1973

Phone (312) 922-9410 Ext. 317

Organisms Worked With: 1

Systematic Techniques: 20 21 22 24 26 27 28 29

Ecological Interests:

Geographical Areas: Dauphin and Sullivan Counties, Pennsylvania;
tropical South America (especially Peru, Ecuador, Columbia, Brazil and
Venezuela)Organism Specialties: Erythroxylaceae - Erythroxylum; Solanaceae -
Brunfelsia, Brugmansia

Ecological Expertise: floristics and ethnobotany

#299

Mr. Alfred F. Pogge

Associate Professor

Quincy College

Biology Department

Quincy, IL 62301

M.S. University of Wyoming 1962

Phone (217) 222-8020 Ext. 373

Organisms Worked With: 1 11 12

Systematic Techniques: 20 27

Ecological Interests: 37 38 42 45

50

Geographical Areas: Adams and Pike Counties, Illinois; Mississippi
River between Hannibal and LaGrange, MissouriOrganism Specialties: Plecoptera, Ephemeroptera, Trichoptera;
angiospermsEcological Expertise: limnology of small lakes and streams; local spring
flowering plants

#300

Mr. Irwin Polls

Aquatic Biologist

Metro. Sanitary District of Chicago

Biology Research

550 S. Mercham Road

Schaumburg, IL 60193

M.S. Oregon State University 1970

Phone (312) 529-7700

Organisms Worked With: 12 13 15 16

Systematic Techniques: 20 21 27 28

Ecological Interests: 38 39 41 43 44

47 50 64

Geographical Areas: Cook County, northeastern Illinois

Organism Specialties: Chironomidae, Tubificidae

Ecological Expertise: water quality and environmental problems

#301

Mr. Thomas A. Pooley
Graduate Student

7410 Dixon, Apt. H.
Forest Park, IL 60130

B.A. So. Illinois University 1973
Phone (312) 366-2352

Organisms Worked With: 12
Systematic Techniques: 27 28
Ecological Interests: 37 38 39 40 45
47 48 66

Geographical Areas: DeKalb and Kane Counties, Illinois
Organism Specialties: Odonata

Ecological Expertise: aquatic ecology, aquatic insects and their life histories

#302

Dr. Thomas L. Poulson
Professor
University of Illinois
Department of Biological Sciences
P.O. Box 4348
Chicago, IL 60680

Ph.D. University of Michigan 1961
Phone (312) 996-4537

Organisms Worked With: 1 3 8 9 10 11 12 13 14
Systematic Techniques:
Ecological Interests: 34 35 36 37 38 39 40 41 42 43 44
48 50 51 52 56 57 58 59 60 63

Geographical Areas: Union, Cook and Lake Counties, Illinois; Warren
Dunes, Michigan; Mammoth Cave, Kentucky; Panama; Brazil
Organism Specialties:

Ecological Expertise: physiological and evolutionary ecology; floating
plants, aquatic microcosms; hardwood forest dynamics; caves; dunes; birds;
fish; crustaceans; functional morphology

#303

Dr. James R. Purdue
Curator
Illinois State Museum
Zoology Section
Spring & Edwards
Springfield, IL 62706

Ph.D. University of Oklahoma 1974
Phone (217) 785-4843

Organisms Worked With: 8
Systematic Techniques: 27 30
Ecological Interests: 40
51 66

Geographical Areas:

Organism Specialties: North American mammals, especially *Odocoileus*

Ecological Expertise: Holocene paleobiology of North American mammals

#304

Mr. Steven F. Railsback
Environmental Engineer
Ft. Richardson Engin. & Housing
Environmental Branch
Attn. AFZT-EH-PSE
Ft. Richardson, AK 99508

M.S. University of Illinois 1981
Phone (907) 863-7185

Organisms Worked With: 11 12
Systematic Techniques: 33
Ecological Interests: 37 41 42 43 45
50 55

Geographical Areas: Illinois, especially the Kaskaskia River and
Champaign and Vermilion Counties; Arctic regions
Organism Specialties: aquatic macroinvertebrates and fishes

Ecological Expertise: habitat modelling and instream flow needs for fish
and aquatic invertebrates

#305

Mr. Arlo J. Raim
Research Assistant
Illinois Natural History Survey
Section of Wildlife Research
607 E. Peabody Drive
Champaign, IL 61820

M.A. Western Michigan University 1975
Phone (217) 333-0507

Organisms Worked With: 1 9
Systematic Techniques:
Ecological Interests: 34 40 42
46 48 52

Geographical Areas: east central Illinois; Wisconsin

Organism Specialties:

Ecological Expertise: movements and behavior of brown-headed cowbirds;
field census and banding of birds; study of bird movements through use of
radio telemetry

#306

Dr. James R. Rastorfer
Professor & Chairman
Chicago State University
Department of Biological Sciences
95th Street and King Drive
Chicago, IL 60466

Ph.D. Washington State University 1967
Phone (312) 995-2183

Organisms Worked With: 1 4
Systematic Techniques: 27 28
Ecological Interests: 34 35 42 43
47 57 60 61 63

Geographical Areas: Illinois, especially Grundy County; Midwest
grasslands and woodlands; Alaskan tundra
Organism Specialties: Bryophyta - Musci

Ecological Expertise: physiological ecology of bryophytes and the role
of bryophytes in the structure and function of biotic communities

#307

Mr. James Vernon Rauff

Professor

College of Lake County

Division Math, Engineering & Phys. Sci.

Grayslake, IL 60030

M.A. Loyola University of Chicago 1981

Phone (312) 223-6601

Organisms Worked With: 8

Systematic Techniques:

Ecological Interests: 34 35 36 40 42 45

46 51 55 58

Geographical Areas:

Organism Specialties:

Ecological Expertise: mathematical modelling of primate behavior and ecology

#308

Dr. Paul L. Redfearn, Jr.

Professor

Southwest Missouri State University

Department of Biology

Springfield, MO 65804

Ph.D. Florida State University 1957

Phone (417) 836-5882

Organisms Worked With: 1 3 4

Systematic Techniques: 21

Ecological Interests: 36 42 43

50 52 63

Geographical Areas: Ozark Hills

Organism Specialties: bryophytes

Ecological Expertise:

#309

Dr. Charles A. Reed

Professor Emeritus

University of Illinois at Chicago

Department of Anthropology

Box 4348

Chicago, IL 60680

Ph.D. Univ. of California-Berkeley 1943

Phone (312) 996-9610

Organisms Worked With: 8 10

Systematic Techniques: 20

Ecological Interests:

51 53 66

Geographical Areas: western U.S.A. (Tertiary); Iraq, Iran and Egypt (Quaternary)

Organism Specialties: Insectivora - Talpidae and other small extinct burrowing mammals

Ecological Expertise: prehistoric human cultural evolution

#310

Mr. Stewart Bowman Reid

Graduate Student

Southern Illinois University

Department of Biology

Edwardsville, IL 62026

B.A. Univ. of California-Berkeley 1978

Phone (618) 692-3927

Organisms Worked With: 11

Systematic Techniques: 21 23 27 28

Ecological Interests: 37

46 48 52

Geographical Areas: northern South America, especially Venezuela

Organism Specialties: Pimelodidae - Pseudoplatystoma; Cichlidae - Crenicichla

Ecological Expertise: tropical aquatic systems and resources; aerial population censusing (large birds, crocodiles)

#311

Dr. Keturah A. Reinbold

Associate Professional Scientist

Illinois Natural History Survey

Section of Aquatic Biology

607 E. Peabody Drive

Champaign, IL 61820

Ph.D. University of Illinois 1974

Phone (217) 333-6897

Organisms Worked With: 7 11 12 13 15 16

Systematic Techniques: 20 27 28

Ecological Interests: 37 38 39 40 41 42 43 44 45

50 57 64

Geographical Areas:

Organism Specialties:

Ecological Expertise: impacts of environmental contaminants, particularly in aquatic ecosystems

#312

Mr. Eric M. Reishus

Biologist

Union Electric Company

Environmental Services Department

P.O. Box 149, Code 602

St. Louis, MO 63166

M.S. S. Illinois Univ.-Edwardsville 1982

Phone (314) 554-2978

Organisms Worked With: 1 9 10 11 12 13 15 16

Systematic Techniques: 20 26 27

Ecological Interests: 34 35 36 37 38 39 41 42 43

47 50 52 53 55 56 62 63 54 65

Geographical Areas: aquatic: middle Mississippi River, lower Missouri River, lower Osage River, lower Illinois River; terrestrial: central eastern Missouri, southeast Iowa

Organism Specialties: teleost fishes; Mollusca; some Diptera; Copepoda Cladocera

Ecological Expertise: environmental assessment; population dynamics; resource management

#313

Mr. Alan Robert Resetar

Collection Manager
Field Museum of Natural History
Division of Amphibians and Reptiles
Roosevelt Road at Lake Shore Drive
Chicago, IL 60605-2496

B.S. Purdue University-Calumet 1978
Phone (312) 922-9410 Ext. 271

Organisms Worked With: 1 10
Systematic Techniques: 21 27 28
Ecological Interests: 35 40 42 43
47 50 52

Geographical Areas: Cook County, Illinois; Lake and Porter Counties, Indiana; central and southern Africa; Libya
Organism Specialties: African colubrid snakes: Polemon, Chilorhinophis and Poecilopholis
Ecological Expertise: field census of amphibians, reptiles, fish and prairie plants

#314

Dr. Garland T. Riegel

Professor Emeritus
Eastern Illinois University
Department of Zoology
Charleston, IL 61920

Ph.D. University of Illinois 1947
Phone (217) 345-6164

Organisms Worked With: 12
Systematic Techniques: 20 21 27 28
Ecological Interests:
58

Geographical Areas: U.S.A. and Canada
Organism Specialties: Zoraptera; Hymenoptera: Braconidae, Dacninae - Chaenusa, Chorebidea, Chorebidea, Symphyta, Sarops, Coelinidea, Chorebus
Ecological Expertise:

#315

Dr. Paul G. Risser

Chief
Illinois Natural History Survey
607 E. Peabody Drive
Champaign, IL 61820

Ph.D. University of Wisconsin 1967
Phone (217) 333-6830

Organisms Worked With: 1
Systematic Techniques:
Ecological Interests: 34 35 36 40 41 42 45
47 49 50 52 54 57 60 61 62 63
Geographical Areas: Illinois, Oklahoma
Organism Specialties:

Ecological Expertise: community analysis, ecosystem modelling, resource management

#316

Dr. Kenneth Ray Robertson

Associate Botanist
Illinois Natural History Survey
Section of Botany & Plant Pathology
607 E. Peabody Drive
Champaign, IL 61820

Ph.D. Washington University 1971
Phone (217) 333-6886

Organisms Worked With: 1
Systematic Techniques: 23 24 27 28 29
Ecological Interests:
50 51 65
Geographical Areas: Illinois; southeastern U.S.A.

Organism Specialties: Rosaceae; Amaranthaceae - Amaranthus; Convolvulaceae - Jacquemontia
Ecological Expertise: natural areas, prairies

#317

Dr. Philip A. Robertson

Associate Professor
Southern Illinois University
Department of Botany
Carbondale, IL 62901

Ph.D. Colorado State University 1968
Phone (618) 536-2331

Organisms Worked With: 1
Systematic Techniques:
Ecological Interests: 34 35 40 41 42 43 45
47 54 60 63
Geographical Areas: southern Illinois
Organism Specialties:

Ecological Expertise: plant community ecology, soil-site relationships of bottomland forests, forest regrowth and succession

#318

Dr. Scott K. Robinson

Assistant Professional Scientist
Illinois Natural History Survey
Section of Wildlife Research
607 E. Peabody Drive
Champaign, IL 61820

Ph.D. Princeton University 1984
Phone (217) 333-6857

Organisms Worked With: 9
Systematic Techniques:
Ecological Interests: 34 35 40 42 43
46 48 50 51 54
Geographical Areas: Lake Shelbyville, Pope and Union Counties, Illinois; Manu National Park, Peru
Organism Specialties:

Ecological Expertise: community ecology of forest birds in temperate and tropical regions; mating systems of birds; foraging ecology of birds; brood parasitism; habitat selection

#319

Dr. Gary L. Rolfe

Professor & Head
University of Illinois
Department of Forestry
110 Mumford Hall, 1301 W. Gregory St.
Urbana, IL 61801

Ph.D. University of Illinois 1971
Phone (217) 333-2771

Organisms Worked With: 1
Systematic Techniques:
Ecological Interests: 34 35 36 40 41 42 43 45
49 50 55 56 61 62 63

Geographical Areas: southern Illinois bottomlands along the Ohio, Wabash and Mississippi Rivers; Shawnee National Forest, especially Pope County; central Illinois bottomlands on the Illinois and Sangamon Rivers
Organism Specialties:

Ecological Expertise: mineral cycling; soil-plant interactions

#320

Mrs. Ruth Andrews Rosdail

Biologist
U.S. Army Corps of Engineers
Environmental Analysis Branch
Clock Tower Building
Rock Island, IL 61201

B.S. Eastern Michigan University 1977
Phone (309) 788-6361

Organisms Worked With: 1 2 8 9 10 11 15
Systematic Techniques: 21
Ecological Interests: 36 39 40 42 43 44 45
46 48 50 52 54 58 62 65
Geographical Areas: Iowa, Missouri, Wisconsin

Organism Specialties:

Ecological Expertise:

#321

Dr. George B. Rose

Staff Ecologist
Illinois Dept. of Transportation
Bureau of Location and Environment
2300 S. Dirksen Parkway
Springfield, IL 62764

Ph.D. University of Georgia 1969
Phone (217) 785-2830

Organisms Worked With: 8 9 10 11
Systematic Techniques:
Ecological Interests: 34 35 36 40 41 42 43
48 49 50 54 56 63

Geographical Areas:

Organism Specialties:

Ecological Expertise: ecology of cottontail rabbits; radionuclide cycling; small mammals; ecological energetics; endangered species; ecological effects of transportation projects

#322

Mr. John L. Roseberry

Associate Scientist
Southern Illinois University
Cooperative Wildlife Research Lab.
Carbondale, IL 62901

M.A. So. Illinois Univ.-Carbondale 1961
Phone (618) 536-7766

Organisms Worked With: 8 9
Systematic Techniques:
Ecological Interests: 34 40 41 42 45
48 62
Geographical Areas: southern Illinois
Organism Specialties:

Ecological Expertise:

#323

Mr. Mark A. Rosenthal

Curator of Mammals
Lincoln Park Zoo
2200 N. Cannon Drive
Chicago, IL 60614

M.A. Northeastern Illinois University 1976
Phone (312) 294-4660

Organisms Worked With: 8
Systematic Techniques: 26 31
Ecological Interests: 36 44 45
46 48 58
Geographical Areas:
Organism Specialties: Primata; Marsupialia; Insectivora

Ecological Expertise:

#324

Dr. William G. Ruesink

Associate Entomologist
Illinois Natural History Survey
Section of Economic Entomology
607 E. Peabody Drive
Champaign, IL 61820

Ph.D. Michigan State University 1972
Phone (217) 333-6820

Organisms Worked With: 12
Systematic Techniques: 21 27
Ecological Interests: 34 41 45
55 58
Geographical Areas: Illinois, eastern U.S.A.

Organism Specialties: Coleoptera - Chrysomelidae - Hispinae

Ecological Expertise: modelling insect population dynamics and insect/crop interactions

#325

Dr. Glen C. Sanderson

Wildlife Specialist & Sec. Head
Illinois Natural History Survey
Section of Wildlife Research
607 E. Peabody Drive
Champaign, IL 61820

Ph.D. University of Illinois 1961
Phone (217) 333-6870

Organisms Worked With: 8 9

Systematic Techniques:

Ecological Interests: 34

50 52 62

Geographical Areas: Champaign and Fulton Counties, west central Illinois

Organism Specialties:

Ecological Expertise: ecology of the raccoon

#326

Dr. Malcolm Lee Sargent

Associate Professor
University of Illinois
Dept. of Genetics & Development
515 Morrill Hall, 505 S. Goodwin Avenue
Urbana, IL 61801

Ph.D. Stanford University 1967
Phone (217) 333-0287

Organisms Worked With: 4 5

Systematic Techniques: 22 27 31

Ecological Interests:

Geographical Areas: east central Illinois, west central Indiana

Organism Specialties: Bryophyta

Ecological Expertise: reproductive biology; phenology and environmental control of reproduction

#327

Dr. J. Henry Sather

Professor
Western Illinois University
Institute for Environmental Mgt.
Macomb, IL 61455

Ph.D. University of Nebraska 1952
Phone (309) 833-5341

Organisms Worked With: 8 9

Systematic Techniques:

Ecological Interests: 39 41 42 43 44 45

50 54 58 62 63

Geographical Areas: U.S.A., India

Organism Specialties:

Ecological Expertise: wetlands: inventory, assessment of values, and classification

#328

Dr. Jeffery J. Saunders

Associate Curator
Illinois State Museum
Dept. of Vertebrate Paleontology
Spring and Edwards
Springfield, IL 62706

Ph.D. University of Arizona 1975
Phone (217) 785-4844

Organisms Worked With: 8

Systematic Techniques: 20 21 27 28 33

Ecological Interests: 34 35 40 42

50 51 55 58 63 66

Geographical Areas: central Illinois; western Missouri and Missouri

Ozarks; New Mexico; northern Pakistan

Organism Specialties: Proboscidea: Mammutidae, Elephantidae;

Mammut, Mammuthus

Ecological Expertise: plant/animal and man/animal interactions at the end of the Pleistocene (ca. 12,000 - 10,000 years ago), involving, specifically, mastodonts and mammoths

#329

Mr. Scott A. Schaefer

Graduate Student
University of Chicago
Committee on Evolutionary Biology
1101 E. 57th Street
Chicago, IL 60637

M.S. Univ. of South Carolina 1982

Organisms Worked With: 11

Systematic Techniques: 20 21 23 27

Ecological Interests: 37 38 40 42 43

48 51

Geographical Areas: Illinois, Indiana, Ohio, Missouri, Pennsylvania; South America

Organism Specialties: Pisces - Teleostomi, Ostariophysi: Cyprinidae - Notropis; Siluriformes - Loricariidae

Ecological Expertise: marine: early life history of fishes, recruitment and population dynamics; freshwater: trophic and habitat zonation

#330

Dr. Douglas W. Schemske

Assistant Professor
University of Chicago
Department of Biology
5630 S. Ingleside
Chicago, IL 60637

Ph.D. University of Illinois 1977
Phone (312) 962-3417

Organisms Worked With: 1 12

Systematic Techniques:

Ecological Interests: 34 35 41 42

48 51 58

Geographical Areas:

Organism Specialties:

Ecological Expertise: plant reproduction; pollination; coevolution

#331

Dr. Wayne Edward Schennum

Ecologist

Iowa Natural Areas Inventory

Iowa Conservation Commission

Wallace State Office Building

Des Moines, IA 50319

Ph.D. Univ. of Illinois at Chicago 1975

Phone (515) 281-3891

Organisms Worked With: 1 2 3 10 12

Systematic Techniques: 20 21 27

Ecological Interests: 35 38 40 42

47 48 50 51 52 58 63

Geographical Areas: northeast and north central Illinois, Iowa, southeast Wisconsin, northwest Indiana and southwest Michigan

Organism Specialties: Lepidoptera - Papilionidea; angiosperms

Ecological Expertise: vegetation ecology; classification and evaluation of plant communities for inventory purposes; successional and geological relations, biogeographic history and management of natural communities

#332

Mr. Jerry Roy Schloemer

Owner, biological supply company

Complete Scientific

P.O. Box 307

Round Lake, IL 60073

B.S. Stanford University

Phone (312) 546-3350

Organisms Worked With: 1 9 12

Systematic Techniques: 21 27 28

Ecological Interests:

Geographical Areas: Illinois plants; worldwide insects and birds

Organism Specialties: Papilionidae, Nymphalidae, Saturniidae, Lucanidae

Ecological Expertise:

#333

Mr. George H. Schneider

Associate Professor

Quincy College

Department of Biological Sciences

1831 College

Quincy, IL 62301

M.S. University of Nebraska 1963

Phone (217) 222-8020

Organisms Worked With: 1 8 9 15

Systematic Techniques: 20 21 27 28

Ecological Interests: 34 35 37 40 42 43

50 52 62

Geographical Areas: Adams and Pike Counties, Illinois

Organism Specialties: Unionoida, Aves and Mammalia

Ecological Expertise: wildlife management

#334

Jean D. Schoknecht

Associate Mycologist (adjunct)

Illinois Natural History Survey

Department of Botany and Plant Pathology

607 E. Peabody Drive

Champaign, IL 61820

Ph.D. University of Illinois 1972

Phone (217) 333-6887

Organisms Worked With: 5 6 19

Systematic Techniques: 27 28 33

Ecological Interests: 36 37 40 42 43 44 45

48 50 56 59

Geographical Areas: Champaign, Clark and Vermilion Counties, Illinois;

southern Illinois; Indiana; Georgia and Florida

Organism Specialties: Fungi: Ascomycetes, Myxomycetes, lichens,

Hyphomycetes, Basidiomycetes

Ecological Expertise: terrestrial, swamps and bogs, especially subtropical

#335

Dr. Peter Schramm

Professor & Field Station Director

Knox College

Biology Department

Galesburg, IL 61401

Ph.D. Univ. of California-Berkeley 1963

Phone (309) 343-0112 Ext. 399

Organisms Worked With: 1 8 9

Systematic Techniques: 20 21 23 24 27 28 31

Ecological Interests: 34 35 36 40 41 42 43 45

46 48 50 52 54 58 59 60 61 62 63 65

Geographical Areas: Knox County, Illinois; Iowa; Florida Keys

Organism Specialties: Rodentia, Carnivora; prairie plants

Ecological Expertise: prairie restoration, prairie mammals and birds, natural habitat management and restoration - prairies, forests and wetlands

#336

Mr. John Edwin Schwegman

Botany Program Manager

Illinois Department of Conservation

Div. of Forest Resources & Nat. Heritage

600 North Grand Avenue West

Springfield, IL 62706

M.A. Southern Illinois University 1969

Phone (217) 782-2361

Organisms Worked With: 1 2 3

Systematic Techniques: 21 27 28

Ecological Interests: 34 35 41 42 45

47 50 52 62 63 65

Geographical Areas: Illinois

Organism Specialties: Illinois vascular plants, especially endangered and threatened species

Ecological Expertise: natural vegetation ecology and management

#337

David S. Seigler

Professor
University of Illinois
Department of Plant Biology
289 Morrill Hall, 505 S. Goodwin Avenue
Urbana, IL 61801

Ph.D. University of Oklahoma-Norman 1967
Phone (217) 333-7577

Organisms Worked With: 1 3 12
Systematic Techniques: 21 22 23 28 30 31
Ecological Interests: 34
51 58 59 60

Geographical Areas: Illinois; southwestern U.S.A., Texas; Mexico;
Latin America

Organism Specialties: Fabaceae, especially Mimosoideae - Acacia;
Sapindaceae; cheilanthoid ferns

Ecological Expertise: utilization of chemical characters based on
secondary plant metabolites for study of ecological problems

#338

Ms. Jean A. Sellar

Instructor
De Paul University
School of New Learning
23 E. Jackson Boulevard
Chicago, IL 60643

M.S. Governors State University 1979
Phone (312) 445-5265

Organisms Worked With: 8 9
Systematic Techniques:
Ecological Interests: 35 42 43 45
46 50 52 58 62

Geographical Areas: northeast Illinois; Upper Michigan; Minnesota;
Canada

Organism Specialties:

Ecological Expertise: behavioral ecology; animal management and
protection

#339

Mr. Thomas N. Seng

Division Manager
Soyland Power Cooperative Inc.
Administrative Services
675 W. Imboden, P.O. Box A1606
Decatur, IL 62525

M.S. Eastern Illinois University 1970
Phone (217) 423-8000

Organisms Worked With:
Systematic Techniques: 27 28
Ecological Interests: 36 39 40 41 42
50

Geographical Areas: Pike County, Illinois; Wabash River, Illinois
River, Mississippi River; Iowa

Organism Specialties: Chironomidae, Tubificidae

Ecological Expertise: environmental impact assessment

#340

Ms. Mary C. Severinghaus

Lab Preparator & Education Spec.
University of Illinois
School of Life Sciences
393 Morrill Hall, 505 S. Goodwin Avenue
Urbana, IL 61801

B.S. University of Illinois 1973
Phone (217) 333-7428

Organisms Worked With: 8 9 12
Systematic Techniques:
Ecological Interests: 36
46 52

Geographical Areas: Louisiana, Minnesota, North Dakota and Montana

Organism Specialties:

Ecological Expertise: censusing and sampling of bird and small mammal
populations

#341

Dr. William D. Severinghaus

Ecologist
U.S.A.-C.E.R.L.
Environmental Division
P.O. Box 4005
Champaign, IL 61820

Ph.D. University of Illinois 1976
Phone (217) 352-6511 Ext. 420

Organisms Worked With: 8 9
Systematic Techniques: 20 21 23 28
Ecological Interests: 34 35 41 42 43 45
50 52 55 61 62

Geographical Areas: major U.S. Army training lands in Louisiana,
Texas, Washington, Kentucky, Colorado, Kansas, Georgia, California, New
York, North Carolina, Alabama and Oklahoma

Organism Specialties: Rodentia - Cricetidae - Microtus, Sigmodon

Ecological Expertise: effects of off-road vehicles on small mammal, song
bird and vascular plant populations; impact mitigation

#342

Mr. Walter Steven Sheppard

Research Assistant
University of Illinois
Department of Entomology
320 Morrill Hall, 505 S. Goodwin Avenue
Urbana, IL 61801

M.S. University of Illinois 1980
Phone (217) 333-2929

Organisms Worked With: 1 12
Systematic Techniques: 21 22 26 27
Ecological Interests: 34 40 41
46 51

Geographical Areas: eastern U.S.A., Norway, Germany, Italy and Sri
Lanka

Organism Specialties: Hymenoptera, especially Apis

Ecological Expertise: pollination ecology, behavioral ecology

#343

Mr. Paul Wayne Shetley
Environmental Scientist
Envirodyne Engineers Inc.
Science and Engineering
12161 Lackland Road
St. Louis, MO 63146

M.S. So. Illinois Univ.-Edwardsville 1983
Phone (314) 434-6960

Organisms Worked With: 10 11
Systematic Techniques: 21 25 31
Ecological Interests: 36 38 39 40 41 43
46 48 50 66

Geographical Areas: Madison County, Illinois; sandy environments in Illinois

Organism Specialties: Anura - Hylidae - Pseudacris streckeri

Ecological Expertise: aquatic ecology, especially small stream and wetlands habitat classification

#344

Dr. Rolf Singer
Professor Emeritus/ Research Assoc.
Field Museum of Natural History
Botany Department
Roosevelt Road at Lake Shore Drive
Chicago, IL 60605

Dr.S. Universite de Lausanne-Switzerland 1977

Organisms Worked With: 5 6
Systematic Techniques: 20 21 23 24 25 27 28 30 31 33
Ecological Interests: 35 36 40 41 42 43
47 51 52 58 59 60 63 64

Geographical Areas: northern Illinois, Massachusetts, Florida, New Mexico, California; Argentina, Brazil, Peru, Ecuador, Columbia, Uruguay, Costa Rica, Mexico; Spain, France, Austria, Switzerland, U.S.S.R., Japan
Organism Specialties: Basidiomycetes, especially Agaricales; ectomycorrhizal fungi

Ecological Expertise: tropical community classification and the roles and adaptation of fungi to these communities

#345

Dr. Jeffery R. Single
Researcher
Southern Illinois University
School of Medicine
Carbondale, IL 62901

Ph.D. So. Illinois Univ.-Carbondale 1983
Phone (618) 453-2886

Organisms Worked With: 8
Systematic Techniques: 21 22 26
Ecological Interests: 34 40 41 42 43 44 45
46 48 52 55

Geographical Areas: Jackson and Williamson Counties, southern Illinois
Organism Specialties: Rodentia; Investivora

Ecological Expertise: population ecology; demography; home range; statistical applications and modelling

#346

Mr. Thomas M. Skelly
Assistant Supportive Scientist
Illinois Natural History Survey
Section of Aquatic Biology
607 E. Peabody Drive
Champaign, IL 61820

M.S. University of Illinois 1979
Phone (217) 333-9007

Organisms Worked With: 11 12
Systematic Techniques:
Ecological Interests: 38 39 40 41 42 43 45
47 48 50 52 63 64

Geographical Areas: Will County, Kankakee River, east central Illinois

Organism Specialties:

Ecological Expertise: catostomid fishes; stream ecology; resource utilization, fish community classification; solid coal waste toxicology on aquatic organisms, cooling lake research

#347

Dr. Allen Charles Skorepa
Research Associate
Towson State University
Department of Biology
York Road
Towson, MD 21204

Ph.D. University of Tennessee 1973
Phone (301) 321-3034

Organisms Worked With: 6 10
Systematic Techniques: 20 21 22 27
Ecological Interests: 35 36 40 41 42 43
50

Geographical Areas: southern Illinois; Maryland; Delaware; Virginia

Organism Specialties:

Ecological Expertise: effects of air pollution on lichens and terrestrial communities

#348

Dr. Djaja D. Soejarto
Research Associate
Field Museum of Natural History
Botany Department
Roosevelt Road at Lake Shore Drive
Chicago, IL 60605

Phone (312) 922-9410

Organisms Worked With: 1
Systematic Techniques: 21 24 27 28 29
Ecological Interests:

Geographical Areas: Illinois, Wisconsin, Indiana, Missouri; Mexico, Columbia, Ecuador, Peru, Bolivia, Paraguay, Brazil; Bangladesh, Sri Lanka, Thailand, Taiwan, Indonesia; Ghana

Organism Specialties: Actinidiaceae, especially Saurauia; Asteraceae, especially Stevia

Ecological Expertise:

#349

Dr. Lars F. Soholt

Ecologist

Argonne National Laboratory

Environmental Research Div., Bldg. 214

9700 S. Cass Avenue

Argonne, IL 60439

Ph.D. University of So. California 1971

Phone (312) 972-3243

Organisms Worked With: 8

Systematic Techniques:

Ecological Interests: 35 41 42 43 45

49 50 57 58 62

Geographical Areas: southwestern and western U.S.A., including Alaska

Organism Specialties:

Ecological Expertise: small mammal ecology; ecological energetics; arid lands; impact assessment; wildlife interactions with human development; impacts of energy technologies

#350

Ms. Mary Kay Solecki

Assistant Supportive Scientist

Illinois Natural History Survey

Section of Faunistic Surveys

607 E. Peabody Drive

Champaign, IL 61820

M.S. Southern Illinois University 1981

Phone (217) 333-6827

Organisms Worked With: 1 2

Systematic Techniques:

Ecological Interests: 34 35 42 45

47 59

Geographical Areas: Illinois; southern Missouri

Organism Specialties:

Ecological Expertise: structure and composition of tallgrass prairie; structure and composition of upland forests in Missouri

#351

Dr. G. Alan Solem

Curator

Field Museum of Natural History

Dept. of Zoology/Invertebrates

Roosevelt Road at Lake Shore Drive

Chicago, IL 60605-2496

Ph.D. University of Michigan 1956

Phone (312) 992-9410 Ext. 270

Organisms Worked With: 15

Systematic Techniques: 20 21 26 27 28 30 31 33

Ecological Interests: 34 35 36 40 42 43

46 48 51 52 58 63

Geographical Areas: worldwide, especially Australia and Pacific Islands

Organism Specialties: land mollusks

Ecological Expertise: patterns of diversity; biogeography

#352

Mr. David Scott Sollenberger

Naturalist

Chicago Botanic Garden

Research Department

P.O. Box 400, Lake-Cook Road,

Glencoe, IL 60022

B.A. Southern Illinois University 1980

Phone (312) 835-5440 Ext. 47

Organisms Worked With: 1 2 3

Systematic Techniques:

Ecological Interests: 35 36 38 42 43 44 45

47 59 60 65

Geographical Areas: northeastern Illinois

Organism Specialties:

Ecological Expertise: northeastern Illinois prairie habitats

#353

Dr. Paul D. Sorensen

Associate Professor & Curator

Northern Illinois University

Department of Biological Sciences

De Kalb, IL 60115-2854

Ph.D. University of Iowa 1967

Phone (815) 753-0433

Organisms Worked With: 1 2 3

Systematic Techniques: 21 24 26 27 28 30 33

Ecological Interests: 34 35 36 40 41 42 43

47 50 51 52 58 63 65 66

Geographical Areas: northern Illinois, Wisconsin, Iowa, Minnesota, southwest states and Pacific coast states; Mexico; Central America

Organism Specialties: Asteraceae - Heliantheae - Coreopsidinae - Dahlia; Ericaceae - Arbutus; Phytolaccaceae - genera of the southwest U.S.A.

Ecological Expertise: monarch butterfly and milkweed chemical ecology; environmental assessment; autecology of selected prairie plant taxa

#354

Dr. Richard E. Sparks

Aquatic Biologist

Illinois Natural History Survey

River Research Lab

Box 599

Havana, IL 62644

Ph.D. Virginia Polytechnic Institute 1971

Phone (309) 543-3950

Organisms Worked With: 11 15

Systematic Techniques: 27

Ecological Interests: 37 38 39 40 41 42 43

50 55 56 58 62 63 64

Geographical Areas: Illinois and Mississippi Rivers and their bottomland lakes, backwaters and wetlands

Organism Specialties: Unionidae, Shaeriidae and Corbiculidae

Ecological Expertise: ecology of large floodplain rivers; aquatic toxicology; pollution ecology

#355

Dr. John M. Speer

Professor
Eastern Illinois University
Department of Botany
Charleston, IL 61920

Ph.D. Ohio State University 1966
Phone (217) 581-3525

Organisms Worked With: 1 2 3 4 5 7
Systematic Techniques: 24 26 27
Ecological Interests:

Geographical Areas:
Organism Specialties: Asteraceae - Silphium, Aster

Ecological Expertise:

#356

Dr. Loretta D. Spiess

Senior Research Associate
Northwestern University
Department of Biochemistry
Hogan Hall
Evanston, IL 60201

Ph.D. Harvard University 1953
Phone (312) 492-7204

Organisms Worked With: 4 19
Systematic Techniques: 27
Ecological Interests: 34 36 40 42
57 59 66

Geographical Areas: Cook County, Illinois

Organism Specialties: Bryophyta - Musci; bacteria

Ecological Expertise: bacterial associations with moss

#357

Mr. Ken R. Spitze

Graduate Student
University of Illinois
Dept. of Ecology, Ethology & Evolution
606 E. Healey Street
Champaign, IL 61820

B.S. University of Illinois 1982
Phone (217) 333-2235

Organisms Worked With: 12 13
Systematic Techniques:
Ecological Interests: 34 35 37 38 40 42 44
46 48 49 51 52 55

Geographical Areas: Champaign and Vermilion Counties, Illinois

Organism Specialties:

Ecological Expertise: predator-prey modelling, prey population demography, prey life history evolution, natural selection

#358

Dr. Howard James Stains

Professor
Southern Illinois University
Department of Zoology
Carbondale, IL 62901

Phone (618) 536-2314

Organisms Worked With: 8
Systematic Techniques: 27 28
Ecological Interests: 34
51 62

Geographical Areas: southern Illinois

Organism Specialties: Carnivora - Procyonidae, Canidae, Felidae

Ecological Expertise: food habits

#359

Dr. Robert Rhea Stephens

Associate Professor
Bradley University
Department of Biology
1501 W. Bradley Avenue
Peoria, IL 61625

Ph.D. Oklahoma State University 1967
Phone (309) 676-7611 Ext. 480

Organisms Worked With: 11 18
Systematic Techniques: 20 21 23 24 25 27 28 30 31
Ecological Interests:

Geographical Areas: Peoria County, Illinois

Organism Specialties: Teleostomi

Ecological Expertise:

#360

Dr. James G. Sternburg

Professor
University of Illinois
Department of Entomology
320 Morrill Hall, 505 S. Goodwin Ave.
Urbana, IL 61801

Ph.D. University of Illinois 1952
Phone (217) 333-1165

Organisms Worked With: 12
Systematic Techniques:
Ecological Interests: 34 40 42
46 51 57 58

Geographical Areas: Piatt and Champaign Counties, central Illinois; Emmet County, Michigan

Organism Specialties:

Ecological Expertise: mimicry, survival strategies, behavior of insects (especially Lepidoptera)

#361

Ms. Lori Stevens

Research Assistant
University of Illinois
Department of Biological Sciences
Box 4348
Chicago, IL 60680

M.S. University of Illinois-Chicago 1981
Phone (312) 996-5437

Organisms Worked With: 12
Systematic Techniques:
Ecological Interests: 34 44
46 48 51 55 66
Geographical Areas:

Organism Specialties:

Ecological Expertise:

#362

Dr. Donald J. Stewart

Assistant Curator & Division Head
Field Museum of Natural History
Division of Fishes
Roosevelt Road at Lake Shore Drive
Chicago, IL 60605

Ph.D. University of Wisconsin 1980
Phone (312) 922-9410

Organisms Worked With: 11
Systematic Techniques: 20 21 23 27 28 30
Ecological Interests: 38 40 42 45
47 49 51 55 58 62
Geographical Areas: freshwaters of South America, especially the
Amazon River basin in Ecuador and Peru
Organism Specialties: Siluriformes, Gymnotiformes
Ecological Expertise: energetics models for salmonids; distributional
ecology of Amazonian fishes

#363

Dr. Robert R. Stickney

Director
Southern Illinois University
Fisheries Research Laboratory
Carbondale, IL 62901

Ph.D. Florida State University 1971
Phone (618) 536-7761

Organisms Worked With: 11 13
Systematic Techniques:
Ecological Interests: 37 39 40 41 42 43 44 45
50 55 56 57 62 66
Geographical Areas: southern Illinois; Philippines, Egypt, Israel,
Haiti, Brazil and Belize
Organism Specialties: Ictaluridae, Cichlidae and Sciaenidae

Ecological Expertise: estuarine ecology, relationships between water
quality and fishes, responses of fishes to habitat alteration, impacts of
strip-mine lake acids on various aquatic communities

#364

Dr. Benton M. Stidd

Professor & Chairman
Western Illinois University
Department of Biological Sciences
Macomb, IL 61455

Ph.D. University of Illinois 1968
Phone (309) 298-2408

Organisms Worked With: 2 3
Systematic Techniques: 20 27 29
Ecological Interests:

Geographical Areas: Midwest coal-ball plants
Organism Specialties: Paleozoic pteridosperms and pteridophytes

Ecological Expertise:

#365

Dr. Kenneth J. Stimpfl

Partner & Senior Ecologist
Dames & Moore
1550 Northwest Highway
Park Ridge, IL 60067

Ph.D. Indiana University 1971
Phone (312) 297-6120

Organisms Worked With:
Systematic Techniques:
Ecological Interests: 38 39 41 42 43
50 56 57 64
Geographical Areas: Illinois, Wisconsin, Michigan and Indiana
Organism Specialties:

Ecological Expertise: aquatic ecology, site selection and evaluation,
wastes and discharges, impact assessment

#366

Mr. Robert G. Stolze

Custodian, Fern Herbarium
Field Museum of Natural History
Department of Botany
Roosevelt Road at Lake Shore Drive
Chicago, IL 60605

B.S. Notre Dame University 1949
Phone (312) 922-9410

Organisms Worked With: 3
Systematic Techniques: 21 27 28 29 33
Ecological Interests:

Geographical Areas: Central America, Ecuador and Peru

Organism Specialties: pteridophytes: Cyatheaceae; Polypodiaceae -
Asplenium
Ecological Expertise:

#367

Dr. Raymond Eugene Stotler

Associate Professor
Southern Illinois University
Department of Botany
Carbondale, IL 62901

Ph.D. University of Cincinnati 1968
Phone (618) 536-2331

Organisms Worked With: 4 6
Systematic Techniques: 20 21 22 24 27 28
Ecological Interests: 35 39 40 42
47

Geographical Areas: Illinois and worldwide
Organism Specialties: Hepatophyta, Anthocerotophyta

Ecological Expertise: community structure

#368

Dr. Carl A. Strang

Educator
Forest Preserve District DuPage Co.
Willowbrook Forest Preserve
Box 2339
Glen Ellyn, IL 60138

Ph.D. Purdue University 1976
Phone (312) 790-4900 Ext. 283

Organisms Worked With: 1 9 10 12
Systematic Techniques:
Ecological Interests: 35 40 42
58

Geographical Areas: DuPage County, Illinois

Organism Specialties:

Ecological Expertise: community ecology of forest Lepidoptera;
vertebrate behavioral ecology; urban wildlife management and public
education; ecology of Glaucous Gulls, eastern box turtles and wood turtles

#369

Dr. Elisabeth Ann Stull

Ecologist
Argonne National Laboratory
Environmental Research Division
9700 S. Cass Avenue
Argonne, IL 60439

Ph.D. Univ. of California-Davis 1972
Phone (312) 972-7801

Organisms Worked With: 7
Systematic Techniques: 21 27 33
Ecological Interests: 37 38 39 40 41 42 44
47 48 50 51 52 66

Geographical Areas: southwestern U.S.A., northern Mexico

Organism Specialties: Dunaliella

Ecological Expertise: primary productivity, limnology, phytoplankton
dynamics, saline environments, salt tolerance

#370

Mr. Theodore D. Suchy

Associate Professor
Illinois Benedictine College
Biology Department
5700 College Road
Lisle, IL 60532

M.S. Indiana University 1970
Phone (312) 960-1500

Organisms Worked With: 8 9 18
Systematic Techniques: 20 27
Ecological Interests: 34 35 36 40 42 43
46 54

Geographical Areas: DuPage County, Illinois

Organism Specialties:

Ecological Expertise: oak-hickory climax woods; pond ecology

#371

Dr. Walter James Sundberg

Associate Professor
Southern Illinois University
Department of Botany
Carbondale, IL 62901

Ph.D. Univ. of California-Davis 1971
Phone (618) 536-2331

Organisms Worked With: 5
Systematic Techniques: 20 24 26 27 28
Ecological Interests:

Geographical Areas: Illinois, especially Jackson, Williamson, Union
and Randolph Counties; California; Missouri; Kentucky
Organism Specialties: Ascomycetes and Basidiomycetes - Agaricales -
Lepiotaceae - Lepiota
Ecological Expertise:

#372

Mr. Michael J. Sweet

Endangered Species Coordinator
Department of Conservation
Endangered Species Protection Board
600 N. Grand Avenue West
Springfield, IL 72702

M.A. Southern Illinois University 1975
Phone (217) 785-8774

Organisms Worked With: 1 8 9 10 11 15
Systematic Techniques: 31
Ecological Interests: 34 35 37 41 42 43 44 45
46 50 52 53 58 62 63

Geographical Areas: Illinois

Organism Specialties: birds and mammals

Ecological Expertise: population ecology, habitat management

#373

Mr. Floyd Allen Swink

Taxonomist
Morton Arboretum
Collections Department
4-S-123 Dorset Street
Lisle, IL 60532

Phone (312) 968-0074

Organisms Worked With: 1 2 3 9

Systematic Techniques: 21 27 28 31

Ecological Interests: 34 35 36 42 43 44 45
52 63 64 65 65

Geographical Areas: Chicago region, northeast Illinois

Organism Specialties: vascular flora of the Chicago region; cultivated woody plants of the temperate zone

Ecological Expertise: plant associations of the local vascular flora

#374

Mr. David L. Swofford

Biometrician
Illinois Natural History Survey
Section of Economic Entomology
607 East Peabody Drive
Champaign, IL 61820

M.S. Eastern Kentucky University 1982

Phone (217) 333-6828

Organisms Worked With: 11

Systematic Techniques: 23

Ecological Interests:

Geographical Areas:

Organism Specialties:

Ecological Expertise:

#375

Ms. Diane Brennan Szafoni

Research Assistant
Illinois Natural History Survey
Section of Botany & Plant Pathology
607 East Peabody Drive
Champaign, IL 61820

M.S. University of Illinois 1983

Phone (217) 333-6898

Organisms Worked With: 1

Systematic Techniques: 27 28 30

Ecological Interests: 35 41 43
61

Geographical Areas: Illinois

Organism Specialties: Poaceae - Panicum, Dichanthelium

Ecological Expertise:

#376

Mr. Robert E. Szafoni

Technical Assistant
Illinois Natural History Survey
Section of Wildlife Research
607 East Peabody Drive
Champaign, IL 61820

M.S. University of Illinois 1983

Phone (217) 333-7513

Organisms Worked With: 9

Systematic Techniques:

Ecological Interests: 34 35 40 42 43
46 50 52 54 61Geographical Areas: Champaign and Vermilion Counties, Illinois;
Upper Peninsula, Michigan

Organism Specialties:

Ecological Expertise: avian ecology

#377

Mr. Kent R. Taylor

Project Asst., Flora of Veracruz
Field Museum of Natural History
Botany Department
Roosevelt Road at Lake Shore Drive
Chicago, IL 60605

B.A. Denison University 1981

Phone (312) 922-9410 Ext. 229

Organisms Worked With: 1 2

Systematic Techniques: 21 27 28

Ecological Interests: 40
47 52

Geographical Areas: Veracruz, Mexico

Organism Specialties: Pinaceae - Pinus and Abies (of Mexico and U.S.A.)

Ecological Expertise:

#378

Mrs. Pamela P. Tazik

Junior Professional Scientist
Illinois Natural History Survey
Section of Aquatic Biology
607 East Peabody Drive
Champaign, IL 61820

M.S. Clarion State College 1978

Phone (217) 333-6125

Organisms Worked With: 1 11

Systematic Techniques:

Ecological Interests: 35 36 37 38 39 41 42 45
48 49 55 56 58 59 62 65

Geographical Areas: Champaign County, Illinois

Organism Specialties: Potamogetonaceae, Najadaceae

Ecological Expertise: aquatic plant ecology, microbial ecology

#379

Dr. James A. Teeri

Associate Professor
University of Chicago
Department of Biology
5630 S. Ingleside Ave.
Chicago, IL 60637

Ph.D. Duke University 1972
Phone (312) 962-8933

Organisms Worked With: 1 2 3

Systematic Techniques: 20 21 22 23 24 26 27 28 31

Ecological Interests: 34 35 36 40 42 43 45

47 49 50 51 57 60

Geographical Areas: Illinois, Michigan, North Carolina, Colorado,
Texas, New Mexico, Arizona, California, Oregon, Hawaii; Mexico; Australia
Organism Specialties: angiosperms and gymnosperms

Ecological Expertise: physiological ecology, population ecology

#380

Mr. Robert C. Thomas

Environmental Specialist
Illinois E.P.A.
Technical Standards Unit
2200 Churchill Road
Springfield, IL 62706

M.S. Western Illinois University 1982
Phone (217) 282-3362

Organisms Worked With: 11 12 13 15

Systematic Techniques:

Ecological Interests: 37 38 39

47 50 55 64

Geographical Areas:

Organism Specialties:

Ecological Expertise: aquatic ecology, environmental assessment

#381

Dr. Jamie E. Thomerson

Professor
Southern Illinois University
Department of Biology
Box 65B
Edwardsville, IL 62026

Ph.D. Tulane University 1965
Phone (618) 692-2975

Organisms Worked With: 11

Systematic Techniques: 20 21 26 27 28 31

Ecological Interests: 37 38 39 41 42 43

47 48 50 51 52 62 63

Geographical Areas: Madison, St. Clair and Monroe Counties, Illinois;
metropolitan St. Louis area; Midwest states; central America and northern
South America

Organism Specialties: Cyprinodontiformes - Cyprinodontidae

Ecological Expertise: natural history and community structure of fish communities

#382

Mr. John T. Thompson

Instructor
Oak Lawn Community High School
Science Department
9400 Southwest Highway
Oak Lawn, IL 60453

M.S. University of Chicago 1975
Phone (312) 424-5200 Ext. 74

Organisms Worked With: 8 11 12

Systematic Techniques:

Ecological Interests:

46 51 66

Geographical Areas: Illinois prairies; tropical rain forests;
national parks of U.S.A. and Costa Rica

Organism Specialties:

Ecological Expertise: population biology of Illinois prairie insects;
17 yr. cicada and the fungus *Massospora cicadina*; evolution of diptera
in tropical forests; tropical forest preservation; environmental education

#383

Dr. Gordon Ray Thurow

Associate Professor
Western Illinois University
Department of Biological Sciences
Macomb, IL 61455

Ph.D. Indiana University 1955
Phone (309) 298-1595

Organisms Worked With: 10

Systematic Techniques: 20 21 27 31

Ecological Interests: 40 42

46 51 57 58 61

Geographical Areas: McDonough County and southern Illinois

Organism Specialties: Plethodontid salamanders - Plethodon

Ecological Expertise: ecology and natural history of amphibians and
reptiles, and their ability to cope with environmental disturbance

#384

Dr. Robert M. Timm

Assistant Curator
Field Museum of Natural History
Division of Mammals
Roosevelt Road at Lake Shore Drive
Chicago, IL 60605-2496

Ph.D. University of Minnesota 1979
Phone (312) 922-9410

Organisms Worked With: 8

Systematic Techniques: 20 21 28 30 31

Ecological Interests: 40 42

48 51

Geographical Areas: Minnesota, Nebraska; Costa Rica; Ecuador

Organism Specialties: Rodentia; Chiroptera

Ecological Expertise:

#385

Dr. Michael E. Toliver

Assistant Professor
Eureka College
Division of Science & Math
300 E. College
Eureka, IL 61530

Ph.D. University of Illinois 1979
Phone (309) 467-3721 Ext. 241

Organisms Worked With: 12
Systematic Techniques: 21 22 27 28
Ecological Interests: 40 42 43
46 48 51 58

Geographical Areas: Woodford County, Illinois; New Mexico

Organism Specialties: Lepidoptera, especially Hesperioidea and Papilionoidea
Ecological Expertise: mimicry, behavior

#386

Dr. John A. Tranquilli

Regional Director
Ducks Unlimited
2107 Zuppke Drive
Urbana, IL 61801

Ph.D. University of Illinois 1974
Phone (217) 328-5182

Organisms Worked With: 11
Systematic Techniques:
Ecological Interests: 37 38 39 40 41 42 43 44 45
46 50 52 58 62 65 66

Geographical Areas:
Organism Specialties:

Ecological Expertise: effects of thermal effluents on aquatic ecosystems

#387

Mr. W. Stan Tyson

Owner & Curator
Rivendell Botanic Garden
P.O. Box 17
Beardstown, IL 62618

A.S. Danville Junior College 1978
Phone (217) 323-1745

Organisms Worked With: 1 2 3
Systematic Techniques: 21 26 27 31
Ecological Interests: 34 35 36 41 42 43 44 45
52 54 60 63

Geographical Areas: west central Illinois, northeastern Illinois; northwestern Indiana; Missouri
Organism Specialties: Aceraceae, Betulaceae, Ericaceae, Pinaceae, Salicaceae, Iridaceae, Liliaceae
Ecological Expertise: prairie and forest ecology: identification, inventory, restoration and management; horticultural ecology: propagation and habitat requirements of plants; botanic diversity

#388

Dr. John Duane Unzicker

Associate Professional Scientist
Illinois Natural History Survey
Section of Faunistic Surveys
607 E. Peabody Drive
Champaign, IL 61820

Ph.D. University of Illinois 1966
Phone (217) 333-6846

Organisms Worked With: 12 14
Systematic Techniques: 20 21 22 23 27 28 31
Ecological Interests: 34 37 40
63

Geographical Areas: west central Illinois, northeastern Illinois; Africa; Australia
Organism Specialties: Insects - Trichoptera, Ephemeroptera and Plecoptera
Arachnids - Araneae
Ecological Expertise:

#389

Dr. Gerrit D. Van Dyke

Professor
Trinity Christian College
Biology Department
6601 W. College Drive
Palos Heights, IL 60463

Ph.D. Iowa State University 1972
Phone (312) 597-3000 Ext. 57

Organisms Worked With: 1 5
Systematic Techniques: 22 28
Ecological Interests: 35 36 39 40 41 42 43
58 59 60 62
Geographical Areas: Cook County, Illinois

Organism Specialties:
Ecological Expertise: wetland, forest and prairie ecology

#390

Dr. Louis Verner

Assistant Professor
Illinois Wesleyan University
Biology Department
Bloomington, IL 61702

Ph.D. University of Illinois 1979
Phone (309) 556-3056

Organisms Worked With: 1 8
Systematic Techniques:
Ecological Interests: 34 35 40 42
46 48 51 52 58 59
Geographical Areas: McLean County, Illinois
Organism Specialties:

Ecological Expertise: small mammal population biology, behavioral ecology of small mammals; reproductive biology of spring woodland ephemerals

#391

Dr. James M. Veselenak
 Assistant Professor
 Sangamon State University
 Medical Technology Program
 Springfield, IL 62708

Ph.D. Michigan State University 1981
 Phone (217) 786-6648

Organisms Worked With: 5
 Systematic Techniques: 20 27 33
 Ecological Interests: 42

Geographical Areas: Sangamon County, central Illinois
 Organism Specialties: Basidiomycetes - Holobasidiomycetidae;
 Deuteromycetes - Hyphomycetidae
 Ecological Expertise:

#392

Mr. William Steven Vinikour
 Environmental Scientist
 Argonne National Laboratory
 Environmental Research Division
 9700 S. Cass Avenue
 Argonne, IL 60439

M.S. Northern Illinois University 1977
 Phone (312) 972-5113

Organisms Worked With: 11 12 13 15
 Systematic Techniques: 21 27
 Ecological Interests: 34 35 36 37 38 39 40 41 42 43 45
 46 47 48 50 52 57 58 60 61 63 64 66

Geographical Areas: Kane and Macoupin Counties, Mississippi River,
 Illinois; Alabama; Ohio; Wyoming
 Organism Specialties: aquatic insects

Ecological Expertise: life history and symbiotic associations of fish
 and macroinvertebrates; pollution ecology, environmental assessment of
 energy developments and associated impacts (waste disposal, transmission)

#393

Dr. David J. Voegtlin
 Assistant Taxonomist
 Illinois Natural History Survey
 Sec. Faunistics & Insect Identification
 607 E. Peabody Drive
 Champaign, IL 61820

Ph.D. Univ. of California-Berkeley 1976
 Phone (217) 333-6846

Organisms Worked With: 12
 Systematic Techniques: 21 24 27 28 30 33
 Ecological Interests: 34 40 42 43
 48 58

Geographical Areas:

Organism Specialties: Homoptera - Aphididae

Ecological Expertise:

#394

Dr. Harold K. Voris
 Associate Curator & Division Head
 Field Museum of Natural History
 Division of Amphibians and Reptiles
 Roosevelt Road and Lake Shore Drive
 Chicago, IL 60605

Ph.D. University of Chicago 1969
 Phone (312) 922-9410 Ext. 271

Organisms Worked With: 10
 Systematic Techniques: 20 21 22 23 27 30 31
 Ecological Interests: 37 38 40 42 43
 46 47 48 51 52

Geographical Areas: Malaysia, Southeast Asia

Organism Specialties: Hydrophiidae

Ecological Expertise:

#395

Dr. John A. Wagner
 Professor
 Kendall College
 Department of Biology
 2408 Orrington
 Evanston, IL 60201

Ph.D. Northwestern University 1962
 Phone (312) 866-1373

Organisms Worked With: 12
 Systematic Techniques: 20 21 27 28
 Ecological Interests: 36 40 42 43
 50 63

Geographical Areas: Livingston, Cook and adjacent counties, Illinois;
 southeastern states; West Indies; Central America
 Organism Specialties: Coleoptera - Pselaphidae

Ecological Expertise: basic ecosystem analysis, eastern deciduous forest

#396

Mr. Stephen W. Waite
 Associate Supportive Scientist
 Illinois Natural History Survey
 Section of Aquatic Biology
 607 E. Peabody Drive
 Champaign, IL 61820

Phone (217) 333-0006

Organisms Worked With: 7 11 13 18 19
 Systematic Techniques: 20
 Ecological Interests: 37 38 39 41 42 43 44 45
 49 50 52 56 62

Geographical Areas: central Illinois

Organism Specialties: Crustacea: Branchiopoda - Cladocera; Copepoda -
 Calanoida, Cyclopoida; Rotifera: Monogononta - Ploima
 Ecological Expertise:

#397

Dr. Gilbert P. Waldbauer

Professor
University of Illinois
Department of Entomology
320 Morrill Hall, 505 S. Goodwin Avenue
Urbana, IL 61801

Ph.D. University of Illinois 1960
Phone (217) 359-3124

Organisms Worked With: 12

Systematic Techniques:

Ecological Interests: 36 40 42 43

46 51 58

Geographical Areas: Champaign and Piatt Counties, Illinois; Emmet and Cheboygan Counties, Michigan

Organism Specialties:

Ecological Expertise: insect-host plant interactions; mimicry; behavioral and physiological ecology

#398

Mr. Harlan D. Walley

Head Animal Caretaker
Northern Illinois University
Department of Biological Sciences
De Kalb, IL 60115

Phone (815) 753-0433

Organisms Worked With: 8 9 10 11

Systematic Techniques: 20 21 28

Ecological Interests: 34 35 36 40 42 43

48 51 52

Geographical Areas: DeKalb and LaSalle Counties, northern Illinois; Southeast Asia, Korea, China and Japan

Organism Specialties: Mammalia - Chiroptera - Vespertilionidae;

Reptilia - Lacertidae - Takydromus and related genera

Ecological Expertise:

#399

Mr. Stephen J. Walsh

Graduate Student
University of Florida
Dept. of Zoology/Florida State Museum
Gainesville, FL 32611

M.A. So. Illinois Univ.-Carbondale 1982
Phone (904) 392-1721

Organisms Worked With: 11

Systematic Techniques: 20 21 23 24 27 28 30 31

Ecological Interests: 37 38 40 41 42

46 48 51 52 57 64

Geographical Areas: southern Illinois; central and southeastern states

Organism Specialties:

Ecological Expertise:

#400

Dr. George H. Waring

Professor
Southern Illinois University
Department of Zoology
Carbondale, IL 62901

Ph.D. Colorado State University 1966
Phone (618) 536-2314

Organisms Worked With: 8 9 10 11

Systematic Techniques:

Ecological Interests:

46

Geographical Areas:

Organism Specialties:

Ecological Expertise: applied ethology

#401

Dr. Richard E. Warner

Associate Wildlife Ecologist
Illinois Natural History Survey
Section of Wildlife Research
607 E. Peabody Drive
Champaign, IL 61820

Ph.D. University of Illinois 1981
Phone (217) 333-7513

Organisms Worked With: 8 9

Systematic Techniques:

Ecological Interests: 34 36 41 43 45

48 49 52 54 55 56 57 58 62

Geographical Areas: Illinois

Organism Specialties:

Ecological Expertise: interactions of agricultural land use and upland wildlife; population ecology of ring-necked pheasants; biostatistics and models

#402

Dr. John E. Warnock

Director
Western Illinois University
Institute for Environmental Management
Macomb, IL 61455

Ph.D. University of Wisconsin-Madison 1963
Phone (309) 298-1265

Organisms Worked With: 8 9

Systematic Techniques:

Ecological Interests: 34 40 41 42 43

46 48 50 52 62 63

Geographical Areas: west central Illinois

Organism Specialties: Rodentia - Chiroptera; Galliformes

Ecological Expertise: wildlife ecology; wild populations in relation to land use; small mammal populations; natural area preservation, preserve establishment and management, endangered species; biological field stations

#403

Dr. Donald W. Webb

Insect Taxonomist
 Illinois Natural History Survey
 Sec. Faunistics & Insect Identification
 607 E. Peabody Drive
 Champaign, IL 61820

Ph.D. University of Illinois 1981

Phone (217) 333-6846

Organisms Worked With: 12

Systematic Techniques: 20 21 23 27 28

Ecological Interests: 36 39 40 42
46 48 51

Geographical Areas: Illinois and worldwide

Organism Specialties: Diptera - Chironomidae, Coenomyiidae, Rachiceridae
 Atheridae, Solvidae, Xylophagidae, Glutopidae, Rhagionidae; Mecoptera -
 Meropidae, Boreidae, Panorpididae, Panorpidae, Bittacidae
 Ecological Expertise:

#404

Dr. Barbara C. Weber

Entomologist & Project Leader
 Southern Illinois University
 USDA Forest Service
 Forestry Sciences Laboratory
 Carbondale, IL 62901

Ph.D. So. Illinois Univ.-Carbondale 1982

Phone (618) 453-2318

Organisms Worked With: 5 12

Systematic Techniques: 20 21 27 28

Ecological Interests: 34 35 41 42 45
48 58

Geographical Areas: southern Illinois; Indiana; Michigan; eastern states

Organism Specialties: Insecta - Coleoptera - Scolytidae - (ambrosia beetles)

Ecological Expertise: ambrosia beetle/symbiotic microorganisms and their relationships with host trees; species diversity within a community

#405

Mr. Lawrence J. Weider

Graduate Student/Research Assistant
 University of Illinois
 Dept. of Ecology, Ethology & Evolution
 606 E. Healey Street
 Champaign, IL 61820

B.S. St. Bonaventure University 1978

Phone (217) 333-2235

Organisms Worked With: 13

Systematic Techniques: 22 26 27 31

Ecological Interests: 37 40 42 44
48 51 57

Geographical Areas: Champaign and Vermilion Counties, Illinois

Organism Specialties: Cladocera - Daphnidae - Daphnia pulex

Ecological Expertise: aquatic ecology, population ecology, ecological genetics

#406

Mr. Robert Arnold Wengrow

Rockford Region Manager
 Illinois E.P.A.
 Division of Land Pollution and Control
 P.O. Box 915
 Rockford, IL 61105

B.S. So. Illinois Univ.-Carbondale 1971

Phone (815) 987-7404

Organisms Worked With: 8

Systematic Techniques:

Ecological Interests: 39 40 44
50 53 62

Geographical Areas: northwest Illinois

Organism Specialties:

Ecological Expertise:

#407

Dr. Rupert Leon Wenzel

Curator Emeritus, Insects
 Field Museum of Natural History
 Division of Insects
 Roosevelt Road at Lake Shore Drive
 Chicago, IL 60605

Ph.D. University of Chicago 1962

Phone (312) 922-9410

Organisms Worked With: 12

Systematic Techniques: 20 21 23 27 28 30 33

Ecological Interests: 34 35 36 40 42
47 51 54

Geographical Areas: worldwide, especially the Holarctic region, Central America, South America and the West Indies

Organism Specialties: Insecta - Diptera - Streblidae, Nycteribiidae; Coleoptera - Histeridae

Ecological Expertise:

#408

Dr. David Lloyd West

Assistant Professor
 Sangamon State University
 Department of Biology
 Shepherd Road
 Springfield, IL 62708

Ph.D. Northeastern University 1976

Phone (217) 786-6630

Organisms Worked With: 15 17

Systematic Techniques: 20 27 28 31 33

Ecological Interests:

Geographical Areas: worldwide

Organism Specialties: Hydrozoa - Campanulariidae (calypoblastic/leptomedusae)

Ecological Expertise:

#409

Mr. K. Andrew West

District Biologist
Illinois Department of Conservation
Div. of Forest Resources & Nat. Heritage
P.O. Box 67
Goreville, IL 62939

M.A. So. Illinois Univ.-Carbondale 1975
Phone (618) 995-2568

Organisms Worked With: 1 2 3 4 5 6 8 9 10

Systematic Techniques: 20 21 27 28 31

Ecological Interests: 36 39 41 42 45

47 50 52 62

Geographical Areas: southern Illinois

Organism Specialties: Basidiomycetes - Aphyllophorales

Ecological Expertise: applied ecology; natural areas management

#410

Mr. Ronald L. Westemeier

Associate Wildlife Ecologist
Illinois Natural History Survey
Section of Wildlife Research
304 Poplar Drive
Effingham, IL 62401

M.S. Univ. of Wisconsin-Madison 1969
Phone (618) 783-4125

Organisms Worked With: 1 8 9

Systematic Techniques: 21 27 28 31

Ecological Interests: 34 35 40 41 45

46 48 52 54 58 62 63

Geographical Areas: Jasper and Marion Counties, southern Illinois;
Wisconsin, Michigan, Minnesota, North Dakota, South Dakota, Nebraska,
Kansas, Oklahoma, Texas, Missouri and Colorado

Organism Specialties: Aves- Galliformes - Phasianidae - Tympanuchus
cupido, Phasianus colchicus, Colinus virginianus

Ecological Expertise: prairie grouse ecology, grassland wildlife
ecology (especially nest ecology)

#411

Mr. Mark J. Wetzel

Assistant Supportive Scientist
Illinois Natural History Survey
Sec. Faunistics & Insect Identification
607 E. Peabody Drive
Champaign, IL 61820

M.S. Eastern Illinois University 1981

Phone (217) 333-6846

Organisms Worked With: 8 9 10 11 12 15 16

Systematic Techniques: 20 21 27 28 31

Ecological Interests: 34 35 36 37 38 39 40 42 43

46 47 48 50 57 58

Geographical Areas: Illinois; Kansas, Kentucky, Maine, Washington,
Colorado, Utah and Missouri

Organism Specialties: freshwater Annelida: Aeolosomatida, Branchiob-
dellida, Hirudinea, Oligochaeta, Polychaeta; endangered and threatened
species of vertebrates

Ecological Expertise: benthos; endangered and threatened species of
vertebrates

#412

Mr. David F. Whitacre

Graduate Student
University of California
Department of Zoology
Davis, CA 95616

B.A. The Evergreen State College 1973

Phone (916) 752-2938

Organisms Worked With: 8 9 10 11 12

Systematic Techniques: 20 33

Ecological Interests: 34 35 40 41 42

46 50 51 52 53 57 66

Geographical Areas: Jackson and Union Counties, southern Illinois;
montane regions of western U.S.A.; neotropics, especially Mexico (Chiapas,
San Luis Potasi)

Organism Specialties: falcons and other birds of prey, swifts,
passerines; mammals: mustelids and carnivores; reptiles: snakes,
especially Crotalids, Elaphe, Lampropeltis and Natrix; small stream fishes

Ecological Expertise: vertebrate field biology, ecology of vertebrate
and insect populations and communities; environmental assessment;
comparative ecology of swifts; predation ecology; environmental education

#413

Mr. John White

904 S. Anderson Street
Urbana, IL 61801

Phone (217) 367-8770

Organisms Worked With: 1 2 3 8 9 10 11

Systematic Techniques:

Ecological Interests: 35 36 38 39 40 42

47 50 58 59 60 63

Geographical Areas:

Organism Specialties:

Ecological Expertise:

#414

Dr. W. Sedgefield White

Environmental Scientist
Argonne National Laboratory
Environmental Research Division
9700 S. Cass Avenue
Argonne, IL 60439

Ph.D. Michigan State University 1974
Phone (312) 972-3169

Organisms Worked With: 7 10 11

Systematic Techniques:

Ecological Interests: 36 37 38 39 41 42 43

50 58 61

Geographical Areas: Great Lakes

Organism Specialties:

Ecological Expertise:

#415

Dr. Wesley C. Whiteside

Professor
Eastern Illinois University
Department of Botany
Charleston, IL 61920

Ph.D. Florida State University 1959
Phone (217) 581-3525

Organisms Worked With: 1 2 5 6
Systematic Techniques: 22 27
Ecological Interests:

Geographical Areas: Coles and Clark Counties, Illinois
Organism Specialties: fungi and lichens

Ecological Expertise:

#416

Dr. Larry Stephen Whitley

Professor
Eastern Illinois University
Department of Zoology
Charleston, IL 61920

Ph.D. Purdue University 1963
Phone (217) 581-2500

Organisms Worked With: 16
Systematic Techniques: 20 22 27
Ecological Interests: 37 38 39 40 42 43
50 57

Geographical Areas: Illinois, especially east central Illinois;
southeastern states

Organism Specialties: Oligochaeta, Tubificidae

Ecological Expertise: benthic communities in natural and disturbed
environments

#417

Dr. Gregory S. Whitt

Professor
University of Illinois
Dept. of Genetics & Development
515 Morrill Hall, 505 S. Goodwin Avenue
Urbana, IL 61801

Ph.D. Yale University 1970
Phone (217) 333-4645

Organisms Worked With: 11
Systematic Techniques: 22 23 25 26 30 32
Ecological Interests: 37 40 41 42 44
51 57 66

Geographical Areas:

Organism Specialties: Perciformes, Centrarchidae - Lepomis, Micropterus

Ecological Expertise: biochemical aspects of ecological genetics

#418

Dr. Donald T. Wicklow

Microbiologist
Northern Regional Research Center
Agricultural Research Culture Collection
1815 N. University Street
Peoria, IL 61604

Ph.D. University of Wisconsin 1971
Phone (309) 685-4011 Ext. 267

Organisms Worked With: 5
Systematic Techniques: 21 27 28
Ecological Interests: 35 40 41 42 45
47 51 58 63

Geographical Areas: U.S.A.; presently Georgia and Arizona

Organism Specialties: Eurotiales - Aspergillaceae - Aspergillus,
Penicillium

Ecological Expertise: seed germination of post-fire chaparral annuals;
organization of soil fungal communities; coprophilous fungi; mycotoxigenic
fungi in cereal ecosystems

#419

Dr. Michael J. Wiley

Assistant Professional Scientist
Illinois Natural History Survey
Section of Aquatic Biology
607 E. Peabody Drive
Champaign, IL 61820

Ph.D. University of Michigan 1980
Phone (217) 333-6889

Organisms Worked With: 11 12 13 15 16 17
Systematic Techniques:
Ecological Interests: 37 38 39 40 41 42 45
46 48 49 50 55 57 58 62

Geographical Areas: Illinois, Michigan

Organism Specialties: aquatic insects: Chironomidae, Ephemeroptera

Ecological Expertise:

#420

Dr. Gerould S. Wilhelm

Research Taxonomist/Ecologist
The Morton Arboretum
Research Department
Lisle, IL 60532

B.S. Florida State University 1971
Phone (312) 968-0074

Organisms Worked With: 1 2 3 6
Systematic Techniques: 22
Ecological Interests: 35 36 38 39 41 42 43 44 45
47 50 61 62 63 65

Geographical Areas: Chicago region (Illinois, Wisconsin, Indiana and
Michigan); Alabama; Florida and Missouri

Organism Specialties: vascular plants and macrolichens

Ecological Expertise: management of natural lands; revegetation of
problem soils; natural area assessment

#421

Dr. Ruth L. Willey

Associate Professor
University of Illinois
Department of Biological Sciences
Box 4348
Chicago, IL 60680

Ph.D. Radcliffe College 1956
Phone (312) 996-8674

Organisms Worked With: 7 12
Systematic Techniques: 20 21 24 27
Ecological Interests: 37 38 40 42 44
46 48 51 57 58

Geographical Areas: northern Illinois, northwest Indiana, western Colorado

Organism Specialties: algae: Euglenales; insects: Odonata

Ecological Expertise: behavioral interactions between unicellular organisms (mainly algae) and invertebrate hosts; epibiosis and symbiosis

#422

Dr. Thomas A. Williams

Assistant Professor
North Central College
Department of Biology
29 N. Brainard Street
Naperville, IL 60566

Ph.D. Washington State University 1984
Phone (312) 420-3489

Organisms Worked With: 10
Systematic Techniques: 20 23 27 33
Ecological Interests: 34 37 40 42
46 51 66

Geographical Areas: North America

Organism Specialties: Ambystomatidae

Ecological Expertise:

#423

Dr. William Evan Williams

Assistant Professor
Trinity College
Department of Biology
Hartford CT, 06106

Ph.D. Stanford University 1981
Phone (203) 527-3151 ext. 570

Organisms Worked With: 1 2
Systematic Techniques: 20 21 33
Ecological Interests: 35 42
57

Geographical Areas: Champaign County, Illinois; California; New England

Organism Specialties:

Ecological Expertise: plant physiological ecology, especially stomatal control, photosynthesis, heat exchange and elevated carbon dioxide levels

#424

Dr. Mary F. Willson

Professor
University of Illinois
Dept. of Ecology, Ethology & Evolution
606 E. Healey Street
Champaign, IL 61820

Ph.D. University of Washington 1964
Phone (217) 333-0608

Organisms Worked With: 1 9
Systematic Techniques:
Ecological Interests: 34 35 40 42 43
46 48 51 58

Geographical Areas: Champaign, Piatt, Vermilion and Douglas Counties, Illinois; Minnesota, Wisconsin

Organism Specialties:

Ecological Expertise: plant reproduction; pollination, floral display, life history, seed dispersal

#425

Dr. Karin Wisiol

Plant Physiologist
U.S. Department of Agriculture
Agricultural Research Service
614 Indian Road
Glenview, IL 60025

Ph.D. University of Illinois-Chicago 1982
Phone (312) 729-3294

Organisms Worked With: 1 5 8 12 16
Systematic Techniques: 21
Ecological Interests: 35 36 41 42 43 45
55 56 58 59 60 61 62

Geographical Areas: Midwest, north-central and Great Plains states; Africa; Asia; Australia; New Zealand; South America and Central America

Organism Specialties: Poaceae, Fabaceae; Nematoda; ungulates

Ecological Expertise: modelling; grazingland ecology; crop ecology

#426

Dr. James H. Witham

Assistant Supportive Scientist
Illinois Natural History Survey
Section of Wildlife Research
607 E. Peabody Dr.
Champaign, IL 61820

Ph.D. Colorado State University 1983
Phone (217) 333-6855

Organisms Worked With: 8
Systematic Techniques:
Ecological Interests: 34 41 43 45
48 50 52 53 58 62 64

Geographical Areas: southwestern states, Sonoran Desert

Organism Specialties: ungulates

Ecological Expertise:

#427

Dr. Gertraude C. Wittig

Professor
Southern Illinois University
Department of Biological Sciences
Edwardsville, IL 62026

Ph.D. Univ. of Tubingen-Germany 1955
Phone (618) 692-3927

Organisms Worked With: 12
Systematic Techniques: 20 24 27
Ecological Interests:

Geographical Areas:
Organism Specialties: Insecta - Haliplidae

Ecological Expertise:

#428

Mr. Lorne Mark Wolfe

Graduate Student
University of Illinois
Dept. of Ecology, Ethology, & Evolution
606 E. Healy Street
Champaign, IL 61820

M.Sc. University of Toronto 1984
Phone (217) 333-2235

Organisms Worked With: 1 12
Systematic Techniques: 26 31
Ecological Interests: 37 40 42
46 51 58

Geographical Areas:

Organism Specialties: Pontederiaceae - Pontederia cordata;
Sarraceniaceae - Sarracenia purpurea; Insecta - Bombus
Ecological Expertise: pollination biology, plant reproductive biology,
foraging behavior of bees

#429

Dr. Robert S. Wolff

Instructor of Biology
Trinity Christian College
Department of Biology
6601 W. College Drive
Palos Heights, IL 60463

Ph.D. University of Wisconsin-Milwaukee 1984
Phone (312) 597-3000 Ext. 57

Organisms Worked With: 14 16
Systematic Techniques: 20 21 22 23 28 30
Ecological Interests: 35
46 48 58

Geographical Areas: Nearctic and Neotropics

Organism Specialties: Oligochaeta - Lumbricidae, Enchytraeidae;
Arachnida, Araneae - Salticidae, Lycosidae, Senoculidae
Ecological Expertise:

#430

Dr. A. Michelle Wood

Postdoctoral Fellow
University of Chicago
Biophysics and Theoretical Biology
920 E. 58
Chicago, IL 60637

Ph.D. University of Georgia 1980

Organisms Worked With: 1 7 19
Systematic Techniques: 21 27 31 33
Ecological Interests: 37 38 39 40 42 44
47 50 51 55 56 57 58 59 63

Geographical Areas: continental shelf, estuarine and oceanic systems
of the Atlantic, Gulf of Mexico and Caribbean Sea

Organism Specialties: marine phytoplankton: Bacillariophyceae,
Dinophyceae, Haptophyceae, Cyanophyceae, etc.
Ecological Expertise: aquatic microbial ecology, photosynthesis and
primary production, trace metal biogeochemistry, phytoplankton ecology and
evolution

#431

Dr. William M. Zales

Botany Instructor
Joliet Junior College
Biology Department
1216 Houbolt Road
Joliet, IL 60436

Ph.D. Univ. of British Columbia 1972
Phone (815) 729-9020

Organisms Worked With: 1 4 6 8 9 11
Systematic Techniques: 21 27 30
Ecological Interests: 42 43 45
52 62 63

Geographical Areas: Will County and adjacent areas, Illinois

Organism Specialties: Bryophyta - Philonotis

Ecological Expertise:

#432

Dr. Arthur Rainer Zangerl

Research Associate
University of Illinois
Department of Entomology
320 Morrill Hall, 505 S. Goodwin Avenue
Urbana, IL 61801

Ph.D. University of Illinois 1980
Phone (217) 333-7784

Organisms Worked With: 1 12
Systematic Techniques:
Ecological Interests: 34 40 42 43
51 57 58 59 60 63 65
Geographical Areas: Champaign County, Illinois

Organism Specialties:

Ecological Expertise: plant population variation and ecological
variation

#433

Dr. Jerrold H. Zar

Professor & Chairman

Northern Illinois University

Department of Biological Sciences

De Kalb, IL 60115-2861

Phone (815) 753-0433

Organisms Worked With: 8 9 12

Systematic Techniques:

Ecological Interests: 35 38 40 41 42 43

49 50 53 57

Geographical Areas:

Organism Specialties:

Ecological Expertise: statistical analysis of research data

#434

Dr. Craig A. Zimmerman

Professor and Chairman

Aurora College

Department of Biology

347 S. Gladstone

Aurora, IL 60506

Ph.D. University of Michigan 1969

Phone (312) 892-6431

Organisms Worked With: 1 9

Systematic Techniques:

Ecological Interests: 40 43

46 51 56 57 60 65

Geographical Areas:

Organism Specialties: Portulaca

Ecological Expertise: physiological ecology of weeds; imprinting in game birds; changes in disturbed streams

#435

Dr. U. Douglas Zimmerman

Associate Professor

Eastern Illinois University

Department of Botany

Charleston, IL 61920

Ph.D. University of Missouri-Columbia 1971

Phone (217) 581-3525

Organisms Worked With: 1

Systematic Techniques:

Ecological Interests: 34 35 36 40 41 42 43 44 45

59 60 62 63 65

Geographical Areas: Coles County, Illinois

Organism Specialties:

Ecological Expertise: effects of land use on vegetation, and of vegetation on land use; adventive species encroachment into adjacent vegetation; establishment and maintenance of tallgrass prairie

5. Index

Numbers in the body of all indices refer to the record number of respondents listed alphabetically in Section 4.2.

5.1 Categorical Response Index

5.1.1 ORGANISMS WORKED WITH:

GROUP NUMBER 1 — FLOWERING PLANTS

2, 3, 8, 12, 13, 15, 17, 18, 20, 23, 24, 27, 28, 30, 31, 35, 36, 40, 41, 42, 47, 51, 55, 57, 59, 61, 62, 65, 68, 71, 75, 81, 83, 85, 90, 92, 93, 96, 98, 99, 101, 102, 108, 109, 113, 115, 119, 120, 122, 123, 125, 127, 132, 133, 137, 140, 141, 142, 143, 148, 149, 150, 151, 154, 160, 165, 167, 168, 171, 173, 174, 181, 183, 185, 186, 187, 188, 190, 193, 194, 197, 198, 199, 204, 207, 209, 216, 218, 224, 226, 228, 229, 235, 237, 238, 243, 245, 246, 248, 250, 253, 254, 256, 258, 259, 260, 263, 268, 269, 270, 272, 273, 276, 279, 281, 283, 285, 286, 290, 291, 292, 298, 299, 302, 305, 306, 308, 312, 313, 315, 316, 317, 319, 320, 330, 331, 332, 333, 335, 336, 337, 342, 348, 350, 352, 353, 355, 368, 372, 373, 375, 377, 378, 379, 387, 389, 390, 409, 410, 413, 420, 423, 424, 425, 428, 430, 431, 432, 434, 435

GROUP NUMBER 2 — GYMNOSPERMS

12, 15, 42, 47, 51, 59, 75, 93, 99, 101, 108, 109, 127, 132, 140, 141, 150, 151, 167, 174, 185, 194, 197, 204, 207, 209, 216, 218, 246, 256, 268, 273, 279, 294, 320, 331, 336, 350, 352, 353, 355, 364, 373, 377, 379, 387, 409, 413, 420, 423

GROUP NUMBER 3 — FERNS AND FERN ALLIES

12, 15, 47, 75, 93, 99, 101, 102, 108, 123, 132, 140, 141, 150, 151, 167, 174, 185, 194, 197, 204, 207, 209, 218, 231, 243, 246, 250, 256, 259, 268, 279, 294, 302, 308, 331, 336, 337, 352, 353, 355, 364, 366, 373, 379, 387, 409, 413, 420

GROUP NUMBER 4 — BRYOPHYTES

15, 17, 97, 123, 141, 174, 209, 246, 268, 279, 280, 306, 308, 326, 355, 356, 367, 409, 431

GROUP NUMBER 5 — FUNGI

13, 18, 62, 80, 117, 123, 132, 141, 155, 162, 190, 205, 209, 232, 244, 245, 254, 258, 269, 326, 334, 344, 355, 371, 389, 391, 404, 409, 415, 418, 425

GROUP NUMBER 6 — LICHENS

13, 15, 17, 80, 84, 141, 209, 243, 246, 285, 334, 344, 347, 367, 409, 415, 420, 431

GROUP NUMBER 7 — ALGAE

3, 6, 42, 52, 55, 58, 62, 76, 123, 127, 134, 141, 144, 157, 197, 215, 226, 228, 235, 248, 256, 258, 263, 270, 277, 280, 289, 311, 355, 369, 396, 414, 421, 430

GROUP NUMBER 8 — MAMMALS

4, 15, 19, 24, 29, 35, 37, 38, 42, 47, 48, 59, 71, 74, 94, 101, 104, 105, 106, 111, 114, 116, 118, 123, 127, 128, 130, 132, 136, 138, 139, 140, 143, 145, 148, 158, 159, 164, 167, 175, 183, 187, 189, 195, 198, 203, 209, 217, 224, 230, 235, 236, 238, 242, 249, 250, 252, 255, 266, 267, 278, 279, 285, 287, 288, 295, 296, 302, 303, 307, 309, 320, 321, 322, 323, 325, 327, 328, 333, 335, 338, 340, 341, 345, 349, 358, 370, 372, 382, 384, 390, 398, 400, 401, 402, 406, 409, 410, 411, 412, 413, 425, 426, 431, 433

GROUP NUMBER 9 — BIRDS

3, 4, 9, 10, 13, 15, 29, 35, 36, 37, 39, 42, 47, 56, 59, 71, 78, 94, 101, 103, 114, 116, 123, 127, 132, 133, 139, 140, 143, 145, 148, 166, 167, 179, 183, 184, 187, 189, 196, 197, 198, 209, 211, 230, 238, 248, 250,

274, 279, 288, 295, 296, 302, 305, 312, 318, 320, 321, 322, 325, 327, 332, 333, 335, 338, 340, 341, 368, 370, 372, 373, 376, 398, 400, 401, 402, 409, 410, 411, 412, 413, 424, 431, 433, 434

GROUP NUMBER 10 — REPTILES AND AMPHIBIANS

15, 16, 21, 29, 33, 35, 43, 47, 50, 55, 69, 73, 82, 88, 123, 124, 127, 132, 145, 148, 161, 163, 167, 170, 177, 182, 189, 197, 202, 213, 227, 230, 233, 239, 242, 250, 257, 261, 262, 264, 276, 279, 288, 295, 296, 302, 309, 312, 313, 320, 321, 331, 343, 347, 368, 372, 383, 394, 398, 400, 409, 411, 412, 413, 414, 422

GROUP NUMBER 11 — FISHES

1, 11, 22, 26, 34, 53, 55, 58, 60, 63, 66, 71, 76, 87, 88, 89, 100, 123, 127, 129, 132, 147, 152, 167, 169, 176, 179, 180, 182, 184, 186, 192, 201, 202, 209, 210, 213, 216, 222, 228, 229, 233, 240, 249, 262, 263, 274, 276, 282, 289, 293, 295, 296, 299, 302, 304, 310, 311, 312, 320, 321, 329, 343, 346, 354, 359, 362, 363, 372, 374, 378, 380, 381, 382, 386, 392, 396, 398, 399, 400, 411, 412, 413, 414, 417, 419, 431

GROUP NUMBER 12 — INSECTS

1, 5, 7, 14, 15, 24, 25, 28, 31, 32, 40, 42, 44, 45, 46, 49, 54, 55, 64, 66, 67, 70, 71, 72, 79, 81, 82, 86, 95, 108, 112, 121, 122, 123, 124, 125, 132, 135, 145, 146, 149, 152, 153, 156, 167, 171, 172, 178, 182, 185, 186, 189, 200, 202, 206, 208, 209, 210, 211, 212, 216, 217, 219, 221, 223, 225, 231, 232, 237, 240, 241, 245, 247, 251, 262, 270, 271, 276, 283, 284, 289, 292, 295, 299, 300, 301, 302, 304, 311, 312, 314, 324, 330, 331, 332, 337, 340, 342, 346, 357, 360, 361, 368, 380, 382, 385, 388, 392, 393, 395, 397, 403, 404, 407, 411, 412, 419, 421, 425, 427, 428, 432, 433

GROUP NUMBER 13 — CRUSTACEANS

1, 7, 15, 34, 45, 52, 55, 58, 63, 66, 81, 123, 144, 182, 186, 201, 216, 221, 234, 241, 262, 263, 276, 282, 295, 297, 300, 302, 311, 312, 357, 363, 380, 392, 396, 405, 419

GROUP NUMBER 14 — ARACHNIDS

15, 111, 112, 132, 189, 191, 217, 292, 295, 297, 302, 388, 429

GROUP NUMBER 15 — MOLLUSKS

7, 29, 45, 55, 58, 63, 66, 71, 82, 87, 88, 89, 107, 110, 118, 123, 182, 186, 212, 221, 228, 229, 241, 276, 295, 300, 311, 312, 320, 333, 351, 354, 372, 380, 392, 408, 411, 419

GROUP NUMBER 16 — WORMS

1, 7, 55, 66, 87, 91, 182, 186, 217, 241, 265, 276, 300, 311, 312, 411, 416, 419, 425, 429

GROUP NUMBER 17 — COELENTERATES

7, 107, 408, 419,

GROUP NUMBER 18 — PROTOZOANS

6, 55, 217, 220, 245, 275, 276, 359, 370, 396

GROUP NUMBER 19 — OTHER ORGANISM GROUPS

7, 91, 96, 107, 126, 135, 138, 191, 214, 217, 232, 235, 263, 277, 297, 334, 356, 396, 430

5.1.2 SYSTEMATIC TECHNIQUES USED:

GROUP NUMBER 20 — ANATOMY

5, 21, 22, 23, 33, 40, 42, 43, 44, 46, 48, 50, 53, 59, 60, 64, 66, 68, 69, 74, 75, 78, 84, 91, 95, 98, 100, 104, 105, 106, 107, 110, 116, 120, 124, 128, 130, 134, 135, 140, 142, 143, 145, 146, 149, 172, 175, 177, 180, 182, 188, 190, 191, 193, 198, 199, 200, 201, 206, 213, 220, 223, 227, 237, 239, 241, 247, 250, 255, 257, 259, 261, 264, 265, 267, 271, 272, 273, 276, 277, 280, 287, 293, 294, 295, 298, 299, 300, 309, 311, 312, 314, 328, 329, 331, 333, 335, 341, 344, 347, 351, 359, 362, 364, 367, 370, 371, 379, 381, 383, 384, 388, 391, 394, 395, 396, 398, 399, 403, 404, 407, 408, 409, 411, 412, 416, 421, 422, 423, 427, 429

GROUP NUMBER 21 — BIOGEOGRAPHY

2, 5, 6, 9, 15, 16, 21, 22, 23, 25, 31, 33, 35, 39, 40, 41, 42, 44, 45, 46, 47, 49, 50, 54, 57, 59, 60, 66, 67, 71, 72, 73, 78, 84, 85, 86, 92, 94, 95, 97, 98, 103, 104, 105, 107, 108, 112, 116, 117, 119, 120, 121, 123, 124, 128, 129, 130, 132, 133, 134, 135, 140, 141, 142, 145, 146, 149, 153, 154, 158, 165, 167, 168, 170, 171, 174, 175, 179, 180, 181, 184, 185, 186, 188, 191, 193, 198, 199, 200, 204, 205, 206, 214, 221, 229, 239, 240, 241, 242, 243, 246, 247, 250, 252, 253, 255, 257, 259, 261, 264, 267, 268, 270, 271, 272, 277, 279, 280, 281, 282, 283, 287, 288, 294, 295, 296, 297, 298, 300, 308, 310, 313, 314, 320, 324, 328, 329, 331, 332, 333, 335, 336, 337, 341, 342, 343, 344, 345, 347, 348, 351, 353, 359, 362, 366, 367, 369, 373, 377, 379, 381, 383, 384, 385, 387, 388, 392, 393, 394, 395, 398, 399, 403, 404, 407, 409, 410, 411, 418, 421, 423, 425, 429, 430, 431

GROUP NUMBER 22 — CHROMATOGRAPHY / ELECTROPHORESIS

6, 21, 31, 43, 54, 60, 70, 82, 83, 84, 120, 129, 142, 147, 149, 168, 171, 192, 200, 205, 234, 242, 261, 266, 273, 275, 279, 282, 293, 298, 326, 337, 342, 345, 347, 367, 379, 385, 388, 389, 394, 405, 415, 416, 417, 420, 429

GROUP NUMBER 23 — CLADISTICS

6, 22, 33, 40, 46, 53, 60, 69, 74, 78, 95, 103, 105, 107, 112, 124, 129, 130, 141, 142, 146, 156, 171, 175, 180, 181, 191, 199, 206, 213, 227, 239, 242, 247, 255, 257, 261, 267, 271, 282, 297, 310, 316, 329, 335, 337, 341, 344, 359, 362, 374, 379, 388, 394, 399, 403, 407, 417, 422, 429

GROUP NUMBER 24 — CYTOLOGY / CHROMOSOMES

3, 68, 83, 85, 86, 98, 106, 107, 110, 129, 134, 142, 154, 157, 168, 181, 192, 199, 205, 215, 235, 250, 255, 259, 261, 266, 272, 298, 316, 335, 344, 348, 353, 355, 359, 367, 371, 379, 393, 399, 421, 427

GROUP NUMBER 25 — EMBRYOLOGY

80, 107, 227, 271, 293, 343, 344, 359, 417

GROUP NUMBER 26 — GENETICS / BREEDING

3, 16, 31, 32, 38, 43, 54, 62, 70, 76, 82, 83, 100, 111, 113, 122, 129, 147, 161, 168, 192, 199, 205, 233, 234, 235, 250, 253, 255, 261, 279, 288, 293, 298, 312, 323, 342, 345, 351, 353, 355, 371, 379, 381, 387, 405, 417, 428

GROUP NUMBER 27 — GROSS MORPHOLOGY

1, 2, 5, 6, 7, 12, 16, 17, 21, 23, 25, 32, 33, 39, 40, 42, 43, 44, 46, 47, 49, 50, 52, 53, 54, 55, 57, 59, 60, 64, 66, 67, 68, 69, 71, 73, 74, 75, 78, 80, 82, 83, 84, 85, 88, 92, 93, 95, 97, 98, 103, 104, 105, 106, 107, 108, 110, 112, 116, 120, 121, 123, 124, 125, 128, 129, 130, 134, 135, 140, 141, 142, 143, 145, 146, 149, 153, 154, 155, 156, 157, 158, 165, 168, 170, 171, 172, 175, 177, 180, 186, 189, 190, 197, 198, 199, 200, 201, 205, 206, 212, 213, 214, 215, 217, 220, 221, 223, 227, 229, 239, 241, 243, 244, 246, 247, 252, 256, 258, 259, 261, 262, 263, 264, 267, 268, 269, 271, 272, 273, 275, 276, 277, 280, 282, 288, 289, 290, 294, 295, 298, 299, 300, 301, 303, 306, 310, 311, 312, 313, 314, 316, 324, 326, 328, 329, 331, 332, 333, 334, 335, 336, 339, 342, 344, 347, 348,

351, 353, 354, 355, 356, 358, 359, 362, 364, 366, 367, 369, 370, 371, 373, 375, 377, 379, 381, 383, 385, 387, 388, 391, 392, 393, 394, 395, 399, 403, 404, 405, 407, 408, 409, 410, 411, 415, 416, 418, 421, 422, 427, 430, 431

GROUP NUMBER 28 — NOMENCLATURE

5, 6, 12, 21, 23, 33, 40, 43, 44, 46, 49, 50, 57, 60, 64, 66, 67, 68, 69, 71, 72, 75, 80, 83, 84, 85, 91, 93, 95, 97, 98, 103, 104, 107, 108, 112, 120, 121, 124, 128, 129, 130, 132, 134, 135, 141, 142, 143, 146, 153, 154, 155, 157, 158, 165, 172, 175, 180, 181, 185, 189, 190, 191, 197, 198, 199, 200, 204, 205, 206, 207, 212, 214, 215, 220, 231, 233, 237, 239, 241, 243, 244, 247, 250, 252, 256, 258, 259, 261, 264, 265, 267, 268, 269, 271, 272, 273, 277, 280, 282, 287, 290, 295, 298, 300, 301, 306, 310, 311, 313, 314, 316, 328, 332, 333, 334, 335, 336, 337, 339, 341, 344, 348, 351, 353, 358, 359, 362, 366, 367, 371, 373, 375, 377, 379, 381, 384, 385, 388, 389, 393, 395, 398, 399, 403, 404, 407, 408, 409, 410, 411, 418, 429

GROUP NUMBER 29 — PALYNOLOGY

68, 75, 85, 96, 272, 294, 298, 316, 348, 364, 366

GROUP NUMBER 30 — PHENETICS

6, 21, 33, 40, 60, 74, 84, 95, 107, 112, 142, 154, 156, 157, 165, 180, 181, 188, 206, 227, 239, 255, 257, 272, 273, 282, 287, 297, 303, 337, 344, 351, 353, 359, 362, 375, 384, 393, 394, 399, 407, 417, 429, 431

GROUP NUMBER 31 — REPRODUCTIVE BIOLOGY

6, 8, 9, 12, 16, 33, 38, 40, 41, 42, 43, 50, 59, 60, 73, 83, 86, 94, 95, 103, 106, 107, 108, 113, 116, 122, 123, 143, 147, 154, 157, 163, 171, 179, 180, 185, 188, 189, 190, 198, 199, 202, 215, 219, 233, 234, 247, 250, 253, 255, 257, 261, 264, 271, 272, 273, 279, 282, 286, 293, 323, 326, 335, 337, 343, 344, 351, 359, 372, 373, 379, 381, 383, 384, 387, 388, 394, 399, 405, 408, 409, 410, 411, 428, 430

GROUP NUMBER 32 — SEROLOGY

198, 217, 242, 266, 417

GROUP NUMBER 33 — OTHER SYSTEMATIC TECHNIQUES

31, 32, 50, 70, 75, 80, 121, 130, 146, 150, 151, 157, 168, 170, 177, 205, 217, 227, 265, 267, 270, 271, 277, 288, 297, 304, 328, 334, 344, 351, 353, 366, 369, 391, 393, 407, 408, 412, 422, 423, 430

5.1.3 ECOLOGICAL INTERESTS:

GROUP NUMBER 34 — TERRESTRIAL POPULATION ECOLOGY

4, 9, 10, 13, 16, 20, 24, 25, 27, 28, 29, 30, 31, 33, 35, 36, 37, 38, 39, 40, 41, 42, 43, 47, 48, 50, 54, 56, 59, 61, 65, 67, 68, 72, 79, 81, 82, 83, 84, 90, 94, 103, 108, 111, 112, 113, 115, 116, 117, 118, 119, 122, 123, 127, 132, 133, 135, 136, 138, 139, 140, 142, 143, 148, 153, 154, 158, 159, 160, 161, 162, 163, 164, 166, 170, 172, 173, 174, 177, 178, 184, 185, 188, 191, 192, 194, 195, 196, 197, 198, 200, 202, 203, 204, 206, 208, 209, 215, 219, 223, 224, 225, 230, 231, 236, 237, 245, 247, 250, 251, 252, 253, 255, 257, 264, 270, 278, 279, 281, 284, 285, 286, 288, 291, 295, 302, 305, 306, 307, 312, 315, 317, 318, 319, 321, 322, 324, 325, 328, 330, 333, 335, 336, 337, 341, 342, 345, 350, 351, 353, 356, 357, 358, 360, 361, 370, 372, 373, 376, 379, 387, 388, 390, 392, 393, 398, 401, 402, 404, 407, 410, 411, 412, 422, 424, 426, 432, 435

GROUP NUMBER 35 — TERRESTRIAL COMMUNITY ECOLOGY

3, 4, 8, 9, 10, 13, 15, 20, 24, 25, 27, 28, 29, 30, 31, 33, 35, 36, 38, 40, 41, 46, 50, 56, 59, 61, 65, 73, 75, 81, 84, 86, 90, 92, 93, 94, 96, 98, 99, 101, 103, 108, 109, 115, 116, 117, 121, 123, 127, 128, 133, 137, 138, 139, 140, 141, 143, 148, 153, 155, 156, 162, 166, 167, 170, 173, 174, 175, 177, 184, 185, 188, 191, 194, 195, 196, 197, 198, 200,

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GROUP NUMBER 36 — TERRESTRIAL ECOSYSTEM ECOLOGY

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FOREST

- ☐ (1) Upland Forest
- ☐ (2) Sand Forest
- ☐ (3) Floodplain Forest
- ☐ (4) Flatwoods
- ☐ (5) Thicket
- ☐ (6) Plantation

PRAIRIE

- ☐ (7) Tallgrass Prairie
- ☐ (8) Sand Prairie
- ☐ (9) Gravel Prairie
- ☐ (10) Dolomite Prairie
- ☐ (11) Hill Prairie
- ☐ (12) Shrub Prairie
- ☐ (13) Restored/Artificial Prairie

SAVANNA

- ☐ (14) Typical Savanna
- ☐ (15) Sand Savanna
- ☐ (16) Barren

(38) *OTHER:*

WETLANDS

- ☐ (17) Marsh
- ☐ (18) Swamp
- ☐ (19) Bog
- ☐ (20) Fen
- ☐ (21) Sedge Meadow
- ☐ (22) Panne
- ☐ (23) Seep or Spring
- ☐ (24) Stream
- ☐ (25) River
- ☐ (26) Pond
- ☐ (27) Lake
- ☐ (28) Artificial Impoundment

PRIMARY

- ☐ (29) Glade
- ☐ (30) Bluff or Cliff
- ☐ (31) Cave
- ☐ (32) Dune or Bar

CULTURAL

- ☐ (33) Cultivated Field
- ☐ (34) Pasture
- ☐ (35) Successional Field
- ☐ (36) Mine Spoils
- ☐ (37) Developed Land
(urban/suburban/industrial)

5. With what groups of organisms do you work?

a. General categories:

- | | |
|---|---|
| <input type="checkbox"/> (39) Flowering Plants | <input type="checkbox"/> (50) Reptiles and Amphibians |
| <input type="checkbox"/> (40) Gymnosperms | <input type="checkbox"/> (51) Fishes |
| <input type="checkbox"/> (41) Ferns and Fern Allies | <input type="checkbox"/> (52) Insects |
| <input type="checkbox"/> (42) Bryophytes | <input type="checkbox"/> (53) Crustaceans |
| <input type="checkbox"/> (43) Fungi | <input type="checkbox"/> (54) Arachnids |
| <input type="checkbox"/> (44) Lichens | <input type="checkbox"/> (55) Mollusks |
| <input type="checkbox"/> (45) Algae | <input type="checkbox"/> (56) Worms |
| <input type="checkbox"/> (46) Bacteria | <input type="checkbox"/> (57) Coelenterates |
| <input type="checkbox"/> (47) Mammals | <input type="checkbox"/> (58) Protozoans |
| <input type="checkbox"/> (48) Birds | <input type="checkbox"/> (59) Other _____ |
| <input type="checkbox"/> (49) Endangered and Threatened Species | _____ |

b. What specific orders, families, genera, or other taxa are your TAXONOMIC specialty? (Limit of 200 typewritten characters.)

c. What particular species, genera, or other taxa do you study as the subjects of your ECOLOGICAL research? (Limit of 200 typewritten characters.)

6. Regarding your SYSTEMATIC research only:

What systematic approaches and methodologies do you utilize?

- | | |
|--|--|
| <input type="checkbox"/> (60) Anatomy/Histology/Ultrastructure | <input type="checkbox"/> (69) Gross Morphology |
| <input type="checkbox"/> (61) Biogeography | <input type="checkbox"/> (70) Nomenclature |
| <input type="checkbox"/> (62) Chromatography/Electrophoresis | <input type="checkbox"/> (71) Palynology |
| <input type="checkbox"/> (63) Cladistics | <input type="checkbox"/> (72) Phenetics/Numerical Taxonomy |
| <input type="checkbox"/> (64) Cytology/Chromosomes | <input type="checkbox"/> (73) Physiology |
| <input type="checkbox"/> (65) Ecology/Behavior | <input type="checkbox"/> (74) Reproductive Biology |
| <input type="checkbox"/> (66) Embryology | <input type="checkbox"/> (75) Revision/Monographs |
| <input type="checkbox"/> (67) Floristics/Faunistics | <input type="checkbox"/> (76) Serology |
| <input type="checkbox"/> (68) Genetics/Breeding | <input type="checkbox"/> (77) Other _____ |
| | _____ |

7. Regarding your ECOLOGICAL research only:

a. Please check the items below that apply to your ecological studies.

SYSTEM

- ☐ (78) Terrestrial
☐ (79) Freshwater
☐ (80) Marine

HABITAT STATUS

- ☐ (81) Natural
☐ (82) Man-disturbed
☐ (83) Artificial
☐ (84) Managed

LEVEL

- ☐ (85) Individual
☐ (86) Population
☐ (87) Community
☐ (88) Ecosystem
☐ (89) Landscape
☐ (90) Biosphere

APPROACH

- ☐ (91) Basic
☐ (92) Applied
☐ (93) Sample Surveys
☐ (94) Cultivation/Husbandry
☐ (95) Experimentation

- ☐ (96) Behavioral Ecology
☐ (97) Commun. Descrip./Floristics/Faunistics
☐ (98) Community Classification/Ordination
☐ (99) Competition
☐ (100) Demography/Life History
☐ (101) Ecological Genetics
☐ (102) Energetics/Energy Budgets
☐ (103) Environmental Impact Assessment
☐ (104) Evolution
☐ (105) Field Census
☐ (106) Herbivory
☐ (107) Human Ecology
☐ (108) Models
☐ (109) Nutrient Cycling
☐ (110) Nutrition
☐ (111) Physiological Ecology
☐ (112) Plant/Soil Relations
☐ (113) Pollination Biology
☐ (114) Reclamation
☐ (115) Resource Management
☐ (116) Seed Biology
☐ (117) Spatial Pattern Analysis/Mapping
☐ (118) Succession
☐ (119) Toxicology
☐ (120) Weeds/Invasion Biology
☐ (121) Other _____

b. In what specific areas of ecology do you have expertise? (Limit of 200 typewritten characters.)

8. Please send a list of your publications, if possible. List Enclosed? ☐ Yes ☐ No ☐ None

9. Return form to:

Kenneth R. Robertson
 Illinois Natural History Survey
 607 East Peabody Drive
 Champaign, IL 61820

Many thanks for your cooperation! — All people who fill out and return this questionnaire will automatically receive a copy of the updated directory.

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